

Stormwater Management System Report



Clay County Economic Development Building



Prepared For: Clay County

Submitted To: City of Green Cove Springs, Florida Department of Environmental Protection, and Florida Department of Transportation

Date: 10/2/2023
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Engineer's Certification Statement

I hereby certify that the design of the stormwater management systems for the project known as Clay County Eco Development has been designed substantially in accordance with the City of Green Cove Springs, Florida Department of Transportation, and St. Johns River Water Management District applicable rules and regulations.

Nicola R Cowap
Digitally signed by
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Nicola R. Cowap, FL PE No. 91233

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Introduction

The Clay County Eco Development project proposes the construction of a 2 story building with associated parking, underground stormwater, and utility infrastructure that will be completed over several phases. The total proposed site area is ± 1.78 acres with a drainage area of ± 1.23 acres, located along the southwest corner of Hwy 17 (Orange Avenue) and Walburg St. in Green Cove Springs, Florida.

The project site is located on tax parcel #38-06-26-017628-000-00 according to the Clay County Property Appraiser's website. Figure 1 provides a Location Map and Figure 2 depicts the site on a portion of the Green Cove Springs USGS Quadrangle Map. The site is located in Section 38, Township 6, Range 26 in Clay County, Florida.

Refer to the accompanying engineering plans for details about the proposed construction and demolition regarding this project.

Design Criteria

The design criteria for the proposed stormwater management facility (SMF) are based upon the criteria set forth by the City of Green Cove Springs (GCS), Florida Department of Transportation (FDOT) and the St. Johns River Water Management District (SJRWMD) for dry underground retention systems designed in an open watershed. The criteria are as follows:

1. Provide Peak Discharge Rate Attenuation: Attenuate the post-development peak discharge rates to be less than the pre-development peak discharge rates for:
 - a. the 25-year 24-hour and the Mean Annual 24-hour storm events (SJRWMD).
 - b. the 1-hour, 2-hour, 4-hour, 8-hour, and 72-hour storms for the 3-year, 5-year, 10-year, 25-year, 50-year, and 100-year return periods (FDOT).
 - c. the 100-year, 24-hour storm (GCS).
2. Provide Water Quality Treatment Volume (WQTV): The minimum stormwater treatment volume shall be the runoff from the first 0.5 inch of runoff over the entire drainage area or 1.25 inches times the impervious area, whichever is greater, plus an additional 0.5 inch of runoff over the drainage area that must recover within 72 hours (SJRWMD).
3. Provide Volume Recovery: The retention system must provide capacity for:
 - a. the appropriate treatment volume of the WQTV stormwater to infiltrate completely within 72 hours. The total volume must be available in the pond within 14 days after the end of the design storm event (SJRWMD).
 - b. half of the volume to be infiltrated in 7 days and the total volume in 30 days (FDOT).

City of Green Cove Springs, FDOT, and SJRWMD also require that best management practices be employed to control erosion, sedimentation, and that an operation and maintenance entity be established.

Site Characteristics

Physical characteristics of the site are described in the following sections. Additional details are provided in the accompanying Engineering plans.

Site Topography

The existing site is mostly an impervious area consisting of landscaping, buildings, drive aisles, and parking that drains to Walburg Street right-of-way to the northeast and Orange Ave (US-HWY 17) to the east. The project site is bordered by Orange Ave to the east, Bayard St. to the south, Palmetto Ave to the west, and Walburg St to the north. The site is moderately sloping from the southwest corner of the site to the north and northeast corner of the site. Elevations (NAVD 88) range from EL. $\pm 14.0'$ at the southwest corner to EL. $\pm 12.0'$ to the northeast. The site is located in an open basin and drains to the ROW on Orange Ave through Walburg St and by direct connection.

The entire site consists of Type 'A/D' soils per NRCS, which were modeled as Type 'D' soils. Refer to Figure 5 for a NRCS Soils Map.

Pre-Development Drainage

Pre-development drainage on the site consists of one watershed, Pre-development watershed #1 (Pre DA-1).

Pre-Development Watershed #1 (Pre DA-1) comprises the entirety of the site and is half developed. The watershed is ± 1.21 acres in size and includes ± 0.71 acres of existing impervious. Stormwater runoff occurs via sheet flow offsite into a storm pipe in the Walburg St. ROW as well as a direct connection located on the northwest property line.

Refer to Figure 6 for more information on the pre-development watershed.

Post-Development Drainage

Post-Development drainage on the site consists of three watersheds: Post-Development Watershed #1 (WS-1), Post-Development Watershed #2 (WS-2), and Post-Development Watershed #3 (WS-3).

WS-1 consists of ± 0.25 acres and includes ± 0.23 acres of proposed impervious area including parking areas and drive aisles. Stormwater runoff from WS-1 will be routed via a stormwater pipe conveyance system and into SMF-1A and SMF-1B.

SMF-1A and SMF-1B are designed as interconnected dry retention underground stormwater management facilities. SMF-1A is designed with a bottom at el. 12.45' and a top at el. 14.45' and SMF-1B is designed with a bottom at el. 13 and a top at el. 15. Both systems will be constructed using ADS Stormtech SC-160LP and connected via an equalizer pipe. SMF-1A will discharge to SMF-2C via a 1.5' weir at el. 13.70'.

WS-2 consists of ±0.56 acres and includes ±0.28 acres of proposed building and ±0.27 acres of proposed parking areas, sidewalks, and drive aisles. Stormwater runoff from WS-2 will be routed via a stormwater pipe conveyance system and into SMF-2A, SMF-2B, and SMF-2C.

SMF-2A, SMF-2B and SMF-2C are designed as interconnected dry retention underground stormwater management facilities. SMF-2A is designed with a bottom at el. 12.10' and a top at el. 14.10', SMF-2B is designed with a bottom at el. 11.40' and a top at el. 13.40', and SMF-2C is designed with a bottom at el. 11.85' and a top at el. 13.85'. All three systems will be constructed using ADS Stormtech SC-160LP and connected via equalizer pipes. SMF-2B will discharge via a 3.50' weir at el. 12.77 to the adjacent Orange Ave ROW. This is the overall discharge point for the project where the peak discharge rates were determined.

WS-3 consists of ±0.42 acres and includes ±0.15 acres of proposed building and ±0.26 acres of proposed parking areas, sidewalks, and drive aisles. Stormwater runoff from WS-3 will be routed via a stormwater pipe conveyance system and into SMF-3A and SMF-3B.

SMF-3A and SMF-3B are designed as interconnected dry retention underground stormwater management facilities. SMF-3A is designed with a bottom at el. 11.90' and a top at el. 13.90' and SMF-3B is designed with a bottom at el. 11.25' and a top at el. 13.25'. Both systems will be constructed using ADS Stormtech SC-160LP and connected via equalizer pipes. SMF-3A will discharge via a 3.50' weir at el. 12.90 to SMF-2A.

Refer to Figure 7 for more information on the post-development watershed.

Soils Information

The National Resource Conservation Service (NRCS) Soil Survey for Clay County describes the near surface soil profile for the project area as *Leon fine sand (0-2%)* with a hydrologic soil group rating of 'A/D'. Refer to Figure 4 for the NRCS Soils Map.

Drainage Analysis

The proposed stormwater management systems have been designed to provide attenuation of the discharge rates for the FDOT open basin design storms and the Mean Annual, 24-hour storm. In addition, the stormwater management system provides the required water quality treatment volume.

Pre-development calculations were completed to determine the runoff rates for the existing conditions. Calculations for Pre-1, WS-1, WS-2, and WS-3 were completed to demonstrate that the required water quality treatment volume and discharge rate attenuation were met.

Appendix A contains details and calculations as well as a section for routing results, recovery analysis, hydraulic calculations, and general drainage calculations.

Analysis Methodology

The drainage analysis was conducted using the computer program ICPR (v4.07.02) to generate runoff hydrographs and route the runoff hydrographs through the proposed stormwater system. The required storm events were analyzed using SJRWMD and FDOT rainfall amounts for the pre-development and post-development watersheds.

Unit Hydrograph Parameters

Unit hydrograph parameters required for the drainage analysis include run-off curve number (CN), time of concentration (Tc), and drainage area. Values used in the analysis are summarized as follows:

Pre-Development Watershed #1 (Pre-1):

	Area (sf)	Area (ac)	Percent
Total Area:	52,615	1.21	100%
Existing Pavement	31,024	0.71	59%
Existing Building	1,795	0.04	3%
Open Space (Fair Condition, Type D Soil)	19,796	0.45	38%
CN =	93		
Tc =	10	min*	

Post-Development Watershed #1 (WS-1):

	Area (sf)	Area (ac)	Percent
Total Area:	10,810	0.25	100%
Proposed Building	0	0.00	0.0%
Proposed Pavement	10,030	0.23	92.8%
Proposed Sidewalk	652	0.01	6.0%
Open Space (Fair Condition, Type D Soil)	128	0.00	1.2%
		0.00	0.0%
CN =	97		
Tc =	10	min*	

Post-Development Watershed #2 (WS-2):

	Area (sf)	Area (ac)	Percent
Total Area:	10,810	0.25	100%
Proposed Building	0	0.00	0.0%
Proposed Pavement	10,030	0.23	92.8%
Proposed Sidewalk	652	0.01	6.0%
Open Space (Fair Condition, Type D Soil)	128	0.00	1.2%
		0.00	0.0%
CN =	97		
Tc =	10	min*	

Post-Development Watershed #3 (WS-3):

	Area (sf)	Area (ac)	Percent
Total Area:	24,344	0.56	100%
Proposed Building	12,007	0.28	49.3%
Proposed Pavement	11,103	0.25	45.6%
Proposed Sidewalk	924	0.02	3.8%
Open Space (Fair Condition, Type A Soil)	309	0.01	1.3%
		0.00	0.0%
CN =	97		
Tc =	10	min*	

*Time of Concentration is assumed to be 10 minutes based on the FDOT minimum time of concentration.

Pond Storage

Stage-storage values for the proposed stormwater management facilities are provided in Appendix A.

Water Quality Treatment Volume (WQTV)

Per SJRWMD, the required water quality treatment volume (WQTV) required for a dry retention system is 0.5 inch of runoff over the drainage area or 1.25 inches over the impervious area plus another 0.5 inch of runoff over the drainage area for online systems. The SJRWMD also requires that the WQTV is drawn down in 72 hours. The WQTV per watershed is shown in Table 1, with recovery times for each SMF shown in Table 2. WQTV calculations are shown in Appendix A.

Table 1: Post Development Watershed Water Quality Treatment

Watershed	Required WQTV (cf)	Provided WQTV (cf)	Remaining WQTV (cf)*
WS-1	1,563	2,646	-1,083
WS-2	3,518	3,518	0
WS-3	2,601	1,713	950.57

*As the SMFs in WS-3 cannot provide the necessary WQTV for WS-3, overcompensation was provided in WS-1.

Table 2: Post Development Watershed Water Quality Treatment Recovery

Stormwater Management Facility	Peak Elevation at WQTV (ft)	Time to Recovery (hours)
SMF-1A	13.70	65
SMF-1B	14.00	11
SMF-2A	12.77	12
SMF-2B	12.77	48
SMF-2C	12.77	18
SMF-3A	13.00	19
SMF-3B	12.60	58

Run-off and Facility Routing Results

The routing results are summarized in the tables below which includes peak stage elevations and discharge rates for the analyzed storm events. In all cases, total post-development discharge rates did not exceed the pre-development conditions, and the peak stage elevations never exceeded the top of the facility. Detailed results can be found in Appendix A.

Table 3: Pre-1 vs. DS-2 Peak Discharge

Storm Event	Discharge Rates (cfs)		
	Pre	Post	Change
3 year, 1 hour	5.28	0	-5.28
3 year, 2 hour	3.96	0	-3.96
3 year, 4 hour	2.07	0.35	-1.72
3 year, 8 hour	2.10	0.4	-1.7
3 year, 24 hour	0.68	0.24	-0.44
3 year, 72 hour	0.45	0.26	-0.19
5 year, 1 hour	5.79	0	-5.79
5 year, 2 hour	4.41	0.3	-4.11
5 year, 4 hour	2.40	0.78	-1.62
5 year, 8 hour	2.36	0.53	-1.83
5 year, 24 hour	0.77	0.27	-0.5
5 year, 72 hour	0.48	0.33	-0.15
10 year, 1 hour	6.56	0.39	-6.17
10 year, 2 hour	5.02	0.56	-4.46
10 year, 4 hour	2.73	1.28	-1.45
10 year, 8 hour	2.78	1.41	-1.37
10 year, 24 hour	0.90	0.47	-0.43
10 year, 72 hour	0.53	0.39	-0.14
25 year, 1 hour	7.83	1.48	-6.35
25 year, 2 hour	5.77	1.23	-4.54
25 year, 4 hour	3.13	1.85	-1.28
25 year, 8 hour	3.10	2.17	-0.93
25 year, 24 hour	1.02	0.7	-0.32
25 year, 72 hour	0.66	0.63	-0.03
50 year, 1 hour	8.85	2.37	-6.48
50 year, 2 hour	6.67	2.11	-4.56
50 year, 4 hour	3.52	2.14	-1.38
50 year, 8 hour	3.52	2.57	-0.95
50 year, 24 hour	1.15	0.78	-0.37
50 year, 72 hour	0.72	0.69	-0.03
100 year, 1 hour	9.86	3.54	-6.32
100 year, 2 hour	7.41	3.08	-4.33
100 year, 4 hour	3.98	2.39	-1.59
100 year, 8 hour	3.78	3.22	-0.56
100 year, 24 hour	1.34	0.97	-0.37
100 year, 72 hour	0.83	0.8	-0.03
SJRWMD Mean Annual, 24 hour	3.92	0.31	-3.61

Table 5: SMF-1A Max Stage and Recovery Analysis

Storm Event	Max Stage (ft)	Freeboard (ft)	Time to Recovery (days after storm)
3 year, 1 hour	13.41	1.04	<1
3 year, 2 hour	13.40	1.05	<1
3 year, 4 hour	13.57	0.88	<3
3 year, 8 hour	13.65	0.80	<4
3 year, 24 hour	13.74	0.71	<9
3 year, 72 hour	13.75	0.70	<8
5 year, 1 hour	13.46	0.99	<1
5 year, 2 hour	13.49	0.96	<2
5 year, 4 hour	13.72	0.73	<3
5 year, 8 hour	13.73	0.72	<5
5 year, 24 hour	13.75	0.70	<11
5 year, 72 hour	13.76	0.69	<14
10 year, 1 hour	13.56	0.89	<2
10 year, 2 hour	13.60	0.85	<3
10 year, 4 hour	13.79	0.66	<5
10 year, 8 hour	13.80	0.65	<7
10 year, 24 hour	13.77	0.68	<12
10 year, 72 hour	13.77	0.68	<17
25 year, 1 hour	13.73	0.72	<3
25 year, 2 hour	13.75	0.70	<5
25 year, 4 hour	13.84	0.61	<7
25 year, 8 hour	13.84	0.61	<9
25 year, 24 hour	13.78	0.67	<13
25 year, 72 hour	13.79	0.66	<21
50 year, 1 hour	13.83	0.62	<4
50 year, 2 hour	13.82	0.63	<7
50 year, 4 hour	13.88	0.57	<8
50 year, 8 hour	13.91	0.54	<9
50 year, 24 hour	13.81	0.64	<13
50 year, 72 hour	13.79	0.66	<21
100 year, 1 hour	13.91	0.54	<6
100 year, 2 hour	13.88	0.57	<7
100 year, 4 hour	13.92	0.53	<8
100 year, 8 hour	13.94	0.51	<10
100 year, 24 hour	13.84	0.61	<13
100 year, 72 hour	13.80	0.65	<23
SJRWMD Mean Annual, 24 hour	13.57	0.88	<3

Table 6: SMF-1B Max Stage and Recovery Analysis

Storm Event	Max Stage (ft)	Freeboard (ft)	Time to Recovery (days after storm)
3 year, 1 hour	13.38	1.62	<3
3 year, 2 hour	13.39	1.61	<3
3 year, 4 hour	13.56	1.44	<4
3 year, 8 hour	13.65	1.35	<5
3 year, 24 hour	13.73	1.27	<7
3 year, 72 hour	13.75	1.25	<14
5 year, 1 hour	13.45	1.55	<3
5 year, 2 hour	13.49	1.51	<3
5 year, 4 hour	13.72	1.28	<4
5 year, 8 hour	13.73	1.27	<5
5 year, 24 hour	13.75	1.25	<8
5 year, 72 hour	13.76	1.24	<14
10 year, 1 hour	13.56	1.44	<3
10 year, 2 hour	13.60	1.40	<3
10 year, 4 hour	13.79	1.21	<4
10 year, 8 hour	13.80	1.20	<5
10 year, 24 hour	13.77	1.23	<8
10 year, 72 hour	13.77	1.23	<15
25 year, 1 hour	13.73	1.27	<3
25 year, 2 hour	13.75	1.25	<3
25 year, 4 hour	13.84	1.16	<4
25 year, 8 hour	13.84	1.16	<5
25 year, 24 hour	13.78	1.22	<8
25 year, 72 hour	13.79	1.21	<15
50 year, 1 hour	13.83	1.17	<3
50 year, 2 hour	13.81	1.19	<3
50 year, 4 hour	13.88	1.12	<4
50 year, 8 hour	13.91	1.09	<5
50 year, 24 hour	13.81	1.19	<8
50 year, 72 hour	13.79	1.21	<15
100 year, 1 hour	13.91	1.09	<3
100 year, 2 hour	13.88	1.12	<3
100 year, 4 hour	13.92	1.08	<4
100 year, 8 hour	13.94	1.06	<5
100 year, 24 hour	13.83	1.17	<8
100 year, 72 hour	13.80	1.20	<15
SJRWMD Mean Annual, 24 hour	13.57	1.43	<7

Table 7: SMF-2A Max Stage and Recovery Analysis

Storm Event	Max Stage (ft)	Freeboard (ft)	Time to Recovery (days after storm)
3 year, 1 hour	13.22	0.88	<4
3 year, 2 hour	13.17	0.93	<5
3 year, 4 hour	13.19	0.91	<6
3 year, 8 hour	13.22	0.88	<7
3 year, 24 hour	13.15	0.95	<10
3 year, 72 hour	13.15	0.95	<16
5 year, 1 hour	13.28	0.82	<4
5 year, 2 hour	13.26	0.84	<6
5 year, 4 hour	13.26	0.84	<7
5 year, 8 hour	13.25	0.85	<8
5 year, 24 hour	13.16	0.94	<10
5 year, 72 hour	13.17	0.93	<17
10 year, 1 hour	13.36	0.74	<5
10 year, 2 hour	13.32	0.78	<6
10 year, 4 hour	13.33	0.77	<7
10 year, 8 hour	13.33	0.77	<8
10 year, 24 hour	13.20	0.90	<11
10 year, 72 hour	13.19	0.91	<17
25 year, 1 hour	13.45	0.65	<6
25 year, 2 hour	13.40	0.70	<6
25 year, 4 hour	13.41	0.69	<7
25 year, 8 hour	13.44	0.66	<8
25 year, 24 hour	13.25	0.85	<11
25 year, 72 hour	13.25	0.85	<18
50 year, 1 hour	13.50	0.60	<6
50 year, 2 hour	13.47	0.63	<6
50 year, 4 hour	13.44	0.66	<7
50 year, 8 hour	13.49	0.61	<8
50 year, 24 hour	13.26	0.84	<11
50 year, 72 hour	13.26	0.84	<18
100 year, 1 hour	13.57	0.53	<6
100 year, 2 hour	13.52	0.58	<6
100 year, 4 hour	13.47	0.63	<7
100 year, 8 hour	13.57	0.53	<8
100 year, 24 hour	13.31	0.79	<11
100 year, 72 hour	13.29	0.81	<18
SJRWMD Mean Annual, 24 hour	13.30	0.80	<9

Table 8: SMF-2B Max Stage and Recovery Analysis

Storm Event	Max Stage (ft)	Freeboard (ft)	Time to Recovery (days after storm)
3 year, 1 hour	12.43	0.97	<2
3 year, 2 hour	12.63	0.77	<3
3 year, 4 hour	12.87	0.53	<4
3 year, 8 hour	12.88	0.52	<6
3 year, 24 hour	12.85	0.55	<8
3 year, 72 hour	12.85	0.55	<11
5 year, 1 hour	12.65	0.75	<3
5 year, 2 hour	12.86	0.54	<4
5 year, 4 hour	12.94	0.46	<5
5 year, 8 hour	12.90	0.50	<6
5 year, 24 hour	12.85	0.55	<8
5 year, 72 hour	12.87	0.53	<12
10 year, 1 hour	12.88	0.52	<4
10 year, 2 hour	12.91	0.49	<4
10 year, 4 hour	13.01	0.39	<5
10 year, 8 hour	13.02	0.38	<6
10 year, 24 hour	12.89	0.51	<9
10 year, 72 hour	12.88	0.52	<14
25 year, 1 hour	13.03	0.37	<4
25 year, 2 hour	13.00	0.40	<5
25 year, 4 hour	13.07	0.33	<5
25 year, 8 hour	13.10	0.30	<5
25 year, 24 hour	12.93	0.47	<9
25 year, 72 hour	12.92	0.48	<15
50 year, 1 hour	13.13	0.27	<4
50 year, 2 hour	13.10	0.30	<5
50 year, 4 hour	13.10	0.30	<5
50 year, 8 hour	13.15	0.25	<6
50 year, 24 hour	12.94	0.46	<9
50 year, 72 hour	12.93	0.47	<16
100 year, 1 hour	13.23	0.17	<4
100 year, 2 hour	13.19	0.21	<5
100 year, 4 hour	13.13	0.27	<5
100 year, 8 hour	13.21	0.19	<6
100 year, 24 hour	12.97	0.43	<9
100 year, 72 hour	12.94	0.46	<17
SJRWMD Mean Annual, 24 hour	12.86	0.54	<8

Table 9: SMF-2C Max Stage and Recovery Analysis

Storm Event	Max Stage (ft)	Freeboard (ft)	Time to Recovery (days after storm)
3 year, 1 hour	12.68	1.17	<2
3 year, 2 hour	13.01	0.84	<4
3 year, 4 hour	13.17	0.68	<6
3 year, 8 hour	13.18	0.67	<7
3 year, 24 hour	13.14	0.71	<10
3 year, 72 hour	13.15	0.70	<14
5 year, 1 hour	12.98	0.87	<4
5 year, 2 hour	13.15	0.70	<5
5 year, 4 hour	13.26	0.59	<6
5 year, 8 hour	13.21	0.64	<7
5 year, 24 hour	13.15	0.70	<10
5 year, 72 hour	13.17	0.68	<15
10 year, 1 hour	13.18	0.67	<5
10 year, 2 hour	13.21	0.64	<6
10 year, 4 hour	13.32	0.53	<6
10 year, 8 hour	13.33	0.52	<7
10 year, 24 hour	13.20	0.65	<10
10 year, 72 hour	13.18	0.67	<17
25 year, 1 hour	13.35	0.50	<5
25 year, 2 hour	13.32	0.53	<6
25 year, 4 hour	13.40	0.45	<6
25 year, 8 hour	13.43	0.42	<8
25 year, 24 hour	13.25	0.60	<11
25 year, 72 hour	13.25	0.60	<18
50 year, 1 hour	13.44	0.41	<5
50 year, 2 hour	13.41	0.44	<6
50 year, 4 hour	13.43	0.42	<7
50 year, 8 hour	13.48	0.37	<8
50 year, 24 hour	13.26	0.59	<11
50 year, 72 hour	13.26	0.59	<19
100 year, 1 hour	13.54	0.31	<5
100 year, 2 hour	13.51	0.34	<6
100 year, 4 hour	13.46	0.39	<7
100 year, 8 hour	13.57	0.28	<8
100 year, 24 hour	13.30	0.55	<11
100 year, 72 hour	13.28	0.57	<20
SJRWMD Mean Annual, 24 hour	13.17	0.68	<9

Table 10: SMF-3A Max Stage and Recovery Analysis

Storm Event	Max Stage (ft)	Freeboard (ft)	Time to Recovery (days after storm)
3 year, 1 hour	13.76	0.14	<4
3 year, 2 hour	13.68	0.22	<5
3 year, 4 hour	13.54	0.36	<6
3 year, 8 hour	13.54	0.36	<7
3 year, 24 hour	13.39	0.51	<10
3 year, 72 hour	13.34	0.56	<19
5 year, 1 hour	13.79	0.11	<4
5 year, 2 hour	13.71	0.19	<5
5 year, 4 hour	13.56	0.34	<6
5 year, 8 hour	13.55	0.35	<7
5 year, 24 hour	13.39	0.51	<10
5 year, 72 hour	13.35	0.55	<18
10 year, 1 hour	13.83	0.07	<4
10 year, 2 hour	13.74	0.16	<5
10 year, 4 hour	13.59	0.31	<6
10 year, 8 hour	13.58	0.32	<7
10 year, 24 hour	13.41	0.49	<10
10 year, 72 hour	13.37	0.53	<18
25 year, 1 hour	13.88	0.02	<4
25 year, 2 hour	13.78	0.12	<5
25 year, 4 hour	13.63	0.27	<6
25 year, 8 hour	13.62	0.28	<7
25 year, 24 hour	13.43	0.47	<11
25 year, 72 hour	13.39	0.51	<20
50 year, 1 hour	13.91	-0.01	<4
50 year, 2 hour	13.81	0.09	<5
50 year, 4 hour	13.65	0.25	<6
50 year, 8 hour	13.64	0.26	<7
50 year, 24 hour	13.44	0.46	<11
50 year, 72 hour	13.39	0.51	<20
100 year, 1 hour	13.95	-0.05	<4
100 year, 2 hour	13.85	0.05	<5
100 year, 4 hour	13.67	0.23	<6
100 year, 8 hour	13.67	0.23	<7
100 year, 24 hour	13.46	0.44	<11
100 year, 72 hour	13.41	0.49	<20
SJRWMD Mean Annual, 24 hour	13.67	0.23	<9

Table 10: SMF-3B Max Stage and Recovery Analysis

Storm Event	Max Stage (ft)	Freeboard (ft)	Time to Recovery (days after storm)
3 year, 1 hour	12.70	0.55	<3
3 year, 2 hour	12.64	0.61	<5
3 year, 4 hour	12.88	0.37	<6
3 year, 8 hour	12.89	0.36	<8
3 year, 24 hour	12.85	0.40	<11
3 year, 72 hour	12.86	0.39	<17
5 year, 1 hour	12.77	0.48	<3
5 year, 2 hour	12.87	0.38	<5
5 year, 4 hour	12.95	0.30	<6
5 year, 8 hour	12.91	0.34	<8
5 year, 24 hour	12.86	0.39	<11
5 year, 72 hour	12.87	0.38	<19
10 year, 1 hour	12.89	0.36	<5
10 year, 2 hour	12.92	0.33	<6
10 year, 4 hour	13.03	0.22	<7
10 year, 8 hour	13.04	0.21	<8
10 year, 24 hour	12.90	0.35	<12
10 year, 72 hour	12.88	0.37	<21
25 year, 1 hour	13.05	0.20	<5
25 year, 2 hour	13.02	0.23	<6
25 year, 4 hour	13.10	0.15	<7
25 year, 8 hour	13.14	0.11	<8
25 year, 24 hour	12.94	0.31	<12
25 year, 72 hour	12.92	0.33	<23
50 year, 1 hour	13.17	0.08	<6
50 year, 2 hour	13.14	0.11	<6
50 year, 4 hour	13.13	0.12	<7
50 year, 8 hour	13.19	0.06	<8
50 year, 24 hour	12.95	0.30	<13
50 year, 72 hour	12.93	0.32	<24
100 year, 1 hour	13.30	-0.05	<6
100 year, 2 hour	13.26	-0.01	<7
100 year, 4 hour	13.16	0.09	<7
100 year, 8 hour	13.25	0.00	<9
100 year, 24 hour	12.98	0.27	<13
100 year, 72 hour	12.95	0.30	<24
SJRWMD Mean Annual, 24 hour	12.87	0.38	<10

Summary and Conclusions

The proposed drainage system meets GCS, FDOT, and SJRWMD criteria for a dry retention system design in an open watershed. The criteria are as follows:

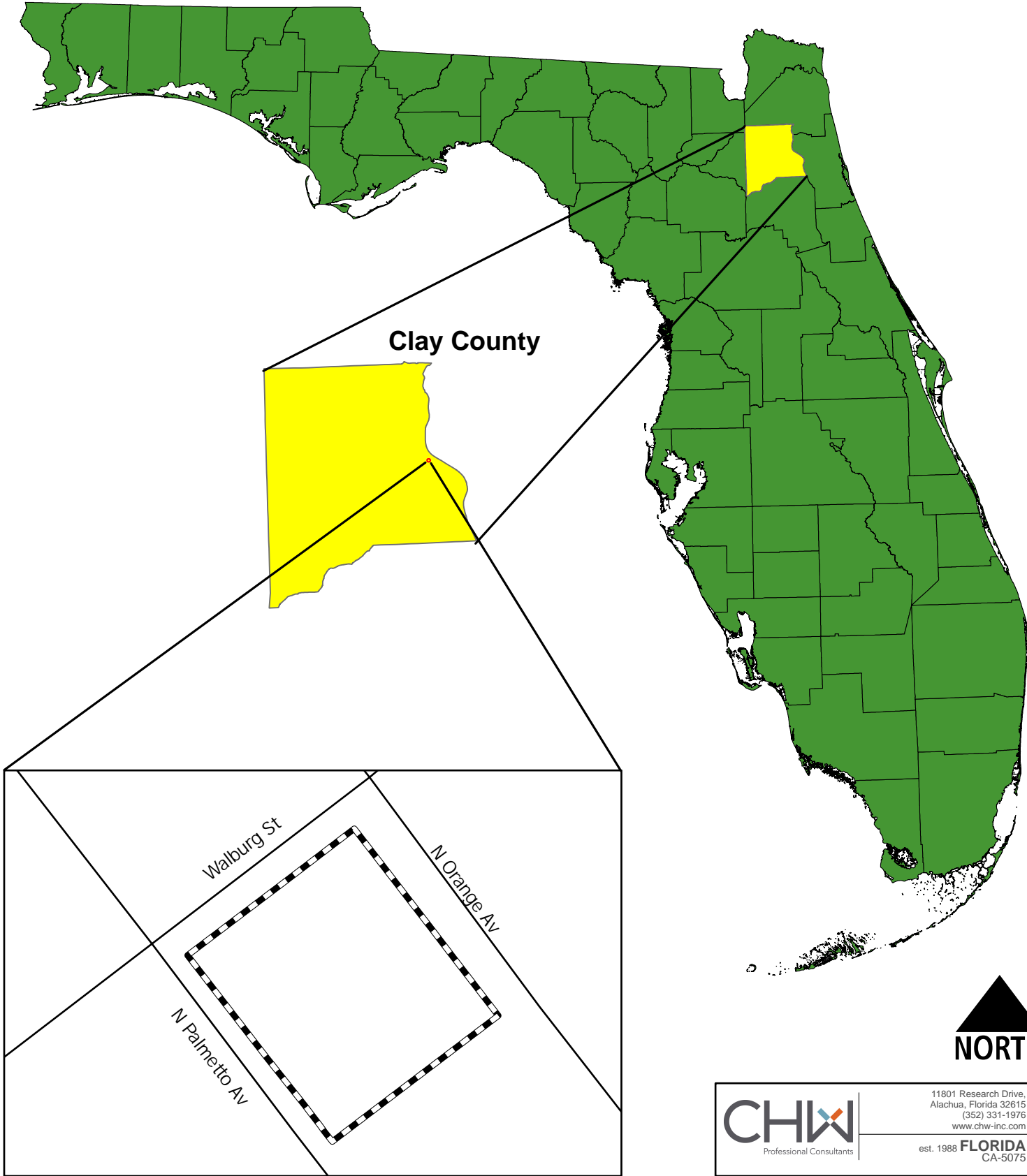
1. Provide Peak Discharge Rate Attenuation: The SMF attenuates the post-development discharge rates to be less than the pre-development rates for the Mean Annual 24-hour storm events (SJRWMD) as well as the 36 critical storms for an open basin (FDOT).
2. Provide Water Quality Treatment Volume (WQTV): The SMFs have been sized to capture and treat the 1.25 inches of runoff from the impervious site area plus 0.5 inches of runoff from the total site. The water quality treatment volume recovers in less than 72 hours for all SMFs. (SJRWMD).
3. Provide Volume Recovery: The SMFs recover the FDOT storms within 30 days and the SJRWMD storms within 14 days.

Based on the information provided, the project is eligible for approval by the City of Green Cove Springs, FDOT, and SJRWMD.

Figure 1

Project Location Map

Project Location Map Clay County Eco



11801 Research Drive,
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com

est. 1988 **FLORIDA**
CA-5075

Figure 2

USGS Quadrangle Map



Subject Property

CHW
Professional Consultants

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Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com

est. 1988 **FLORIDA**
CA-5075

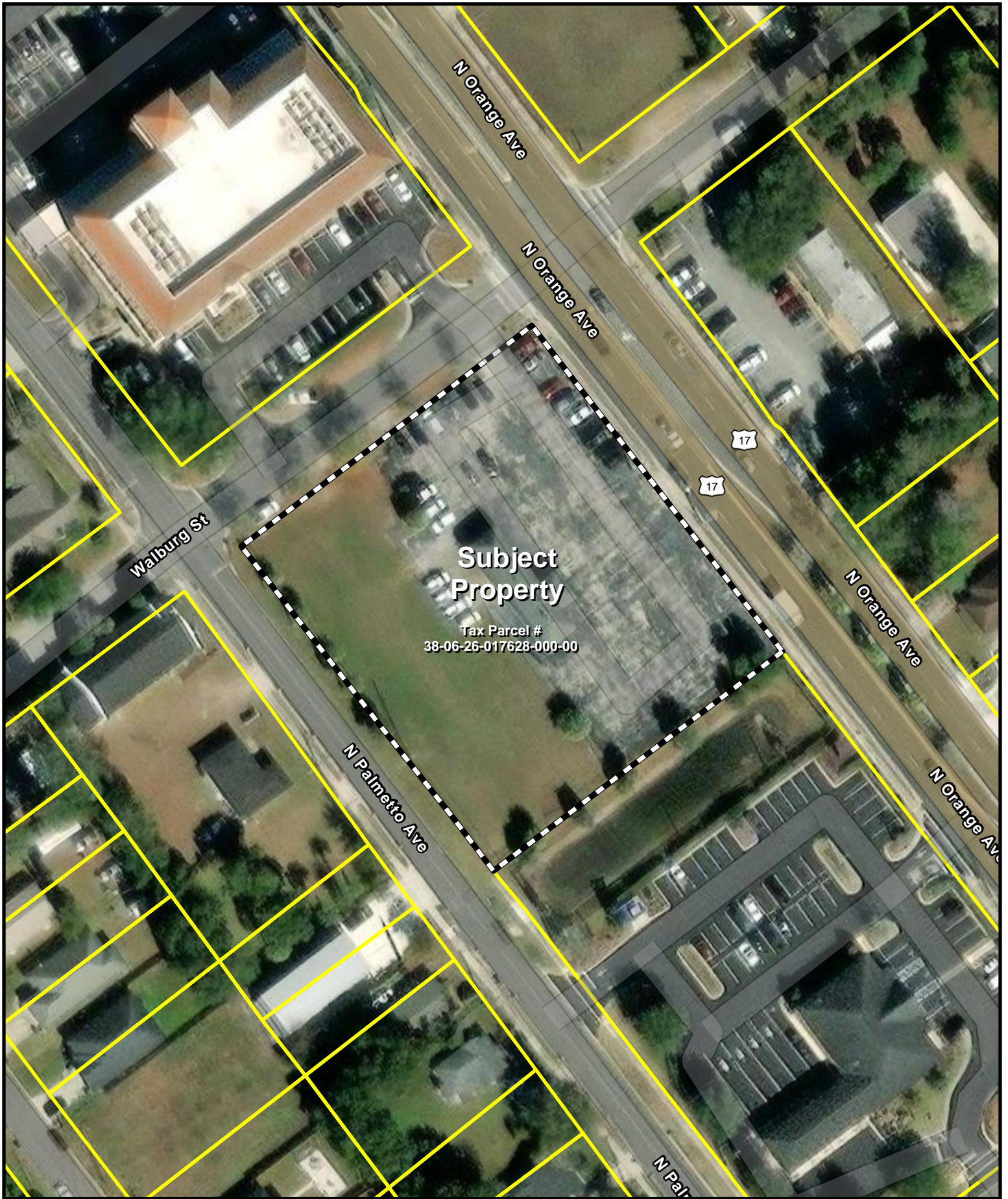
Clay County Eco Quad Map

0 500 1,000
Feet

NORTH

Figure 3

Aerial Map



**Subject
Property**

Tax Parcel #
38-06-26-017628-000-00



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est. 1988 **FLORIDA**
CA-5075

Clay County Eco Aerial Map

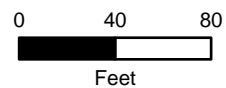
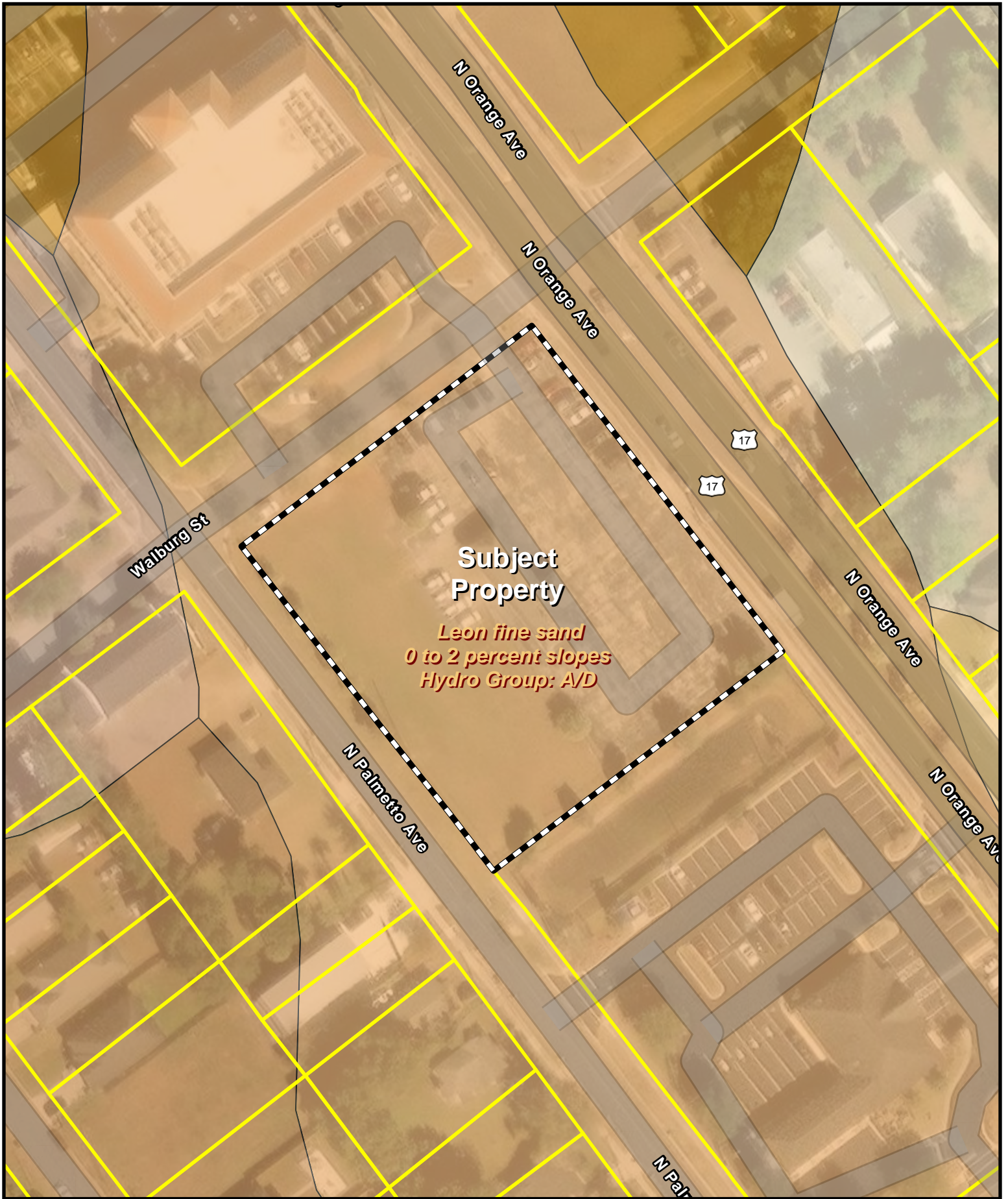


Figure 4

NRCS Soils Map



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Clay County Eco Soils Map

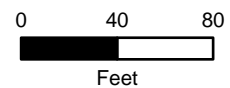
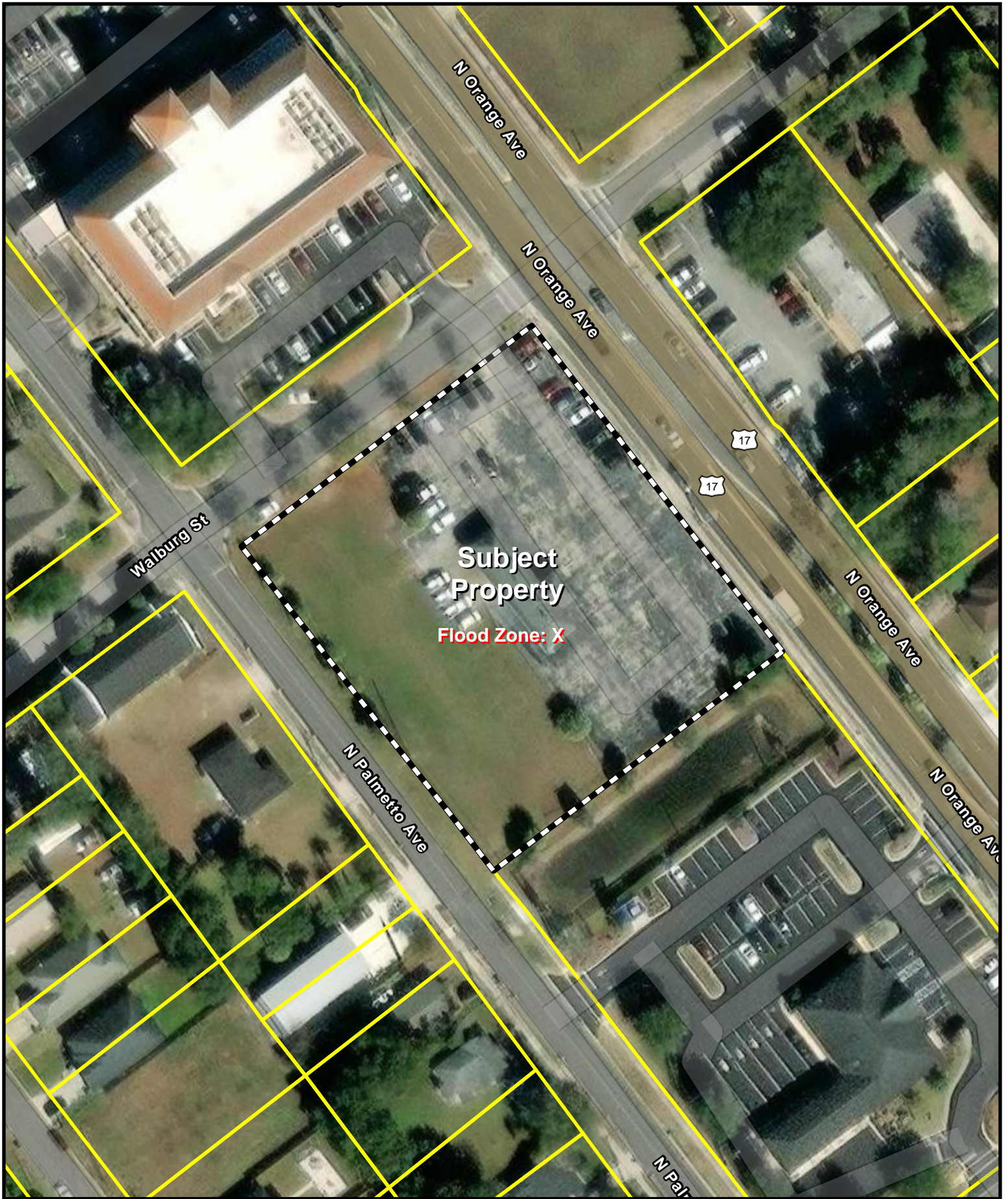


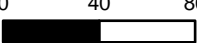
Figure 5

FEMA Flood Map




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 CA-5075

Clay County Eco FEMA Map

0 40 80

 Feet



NORTH

Figure 6

Pre-Development Drainage Map

LEGEND

PRE-DEVELOPMENT ONSITE WATERSHED: 

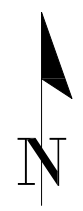
EXISTING IMPERVIOUS AREA: 0.88 ac. 

PRE-DEVELOPMENT DRAINAGE FLOW PATTERNS: 

PRE-DEVELOPMENT DISCHARGE POINT: 



NOTE: ALL SOILS ARE TYPE 'D' UNLESS OTHERWISE NOTED



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est. 1988 CA-5075



SCALE: 1"=60'
VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY.

CONSTRUCTION RECORDS

CLIENT: CAUSSEAU, HEWITT, & WALPOLE INC
ENGINEERING - SURVEYING - PLANNING
PROJECT: CLAY COUNTY ECONOMIC
DEVELOPMENT BUILDING
SHEET TITLE: PRE-DEVELOPMENT DRAINAGE MAP

DESIGNER: [Blank]
QUALITY CONTROL: [Blank]
PROJECT NUMBER: 23-0204

Figure 7

Post-Development Drainage Map

LEGEND

**POST-DEVELOPMENT
WATERSHED #1:**



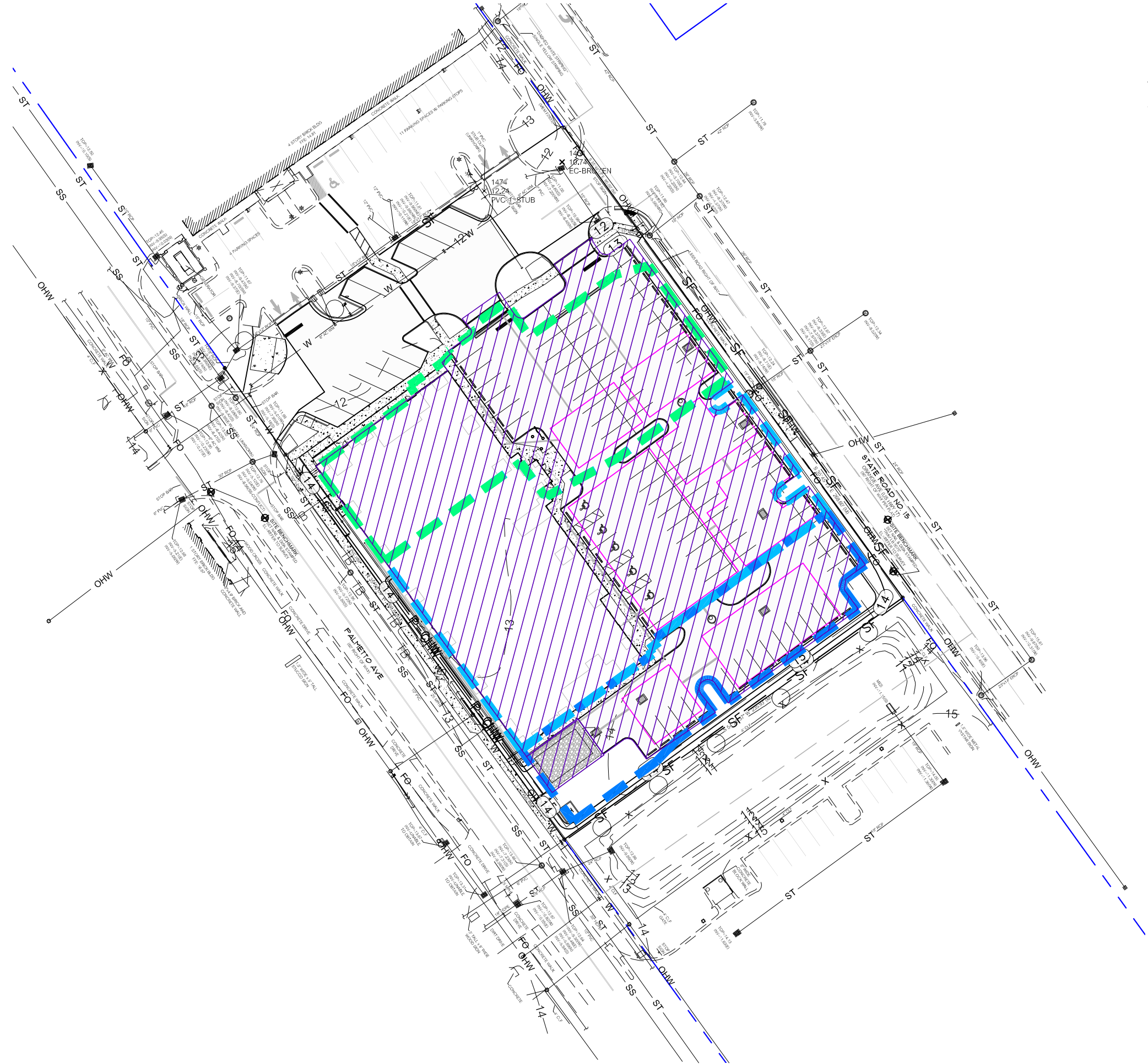
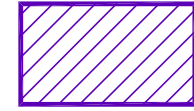
**POST-DEVELOPMENT
WATERSHED #2:**



**POST-DEVELOPMENT
WATERSHED #3:**



**PROPOSED ONSITE
IMPERVIOUS AREA:**



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Alachua, Florida 32615
www.chw-inc.com
est. 1988 **FLORIDA**
CA-3075

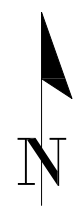
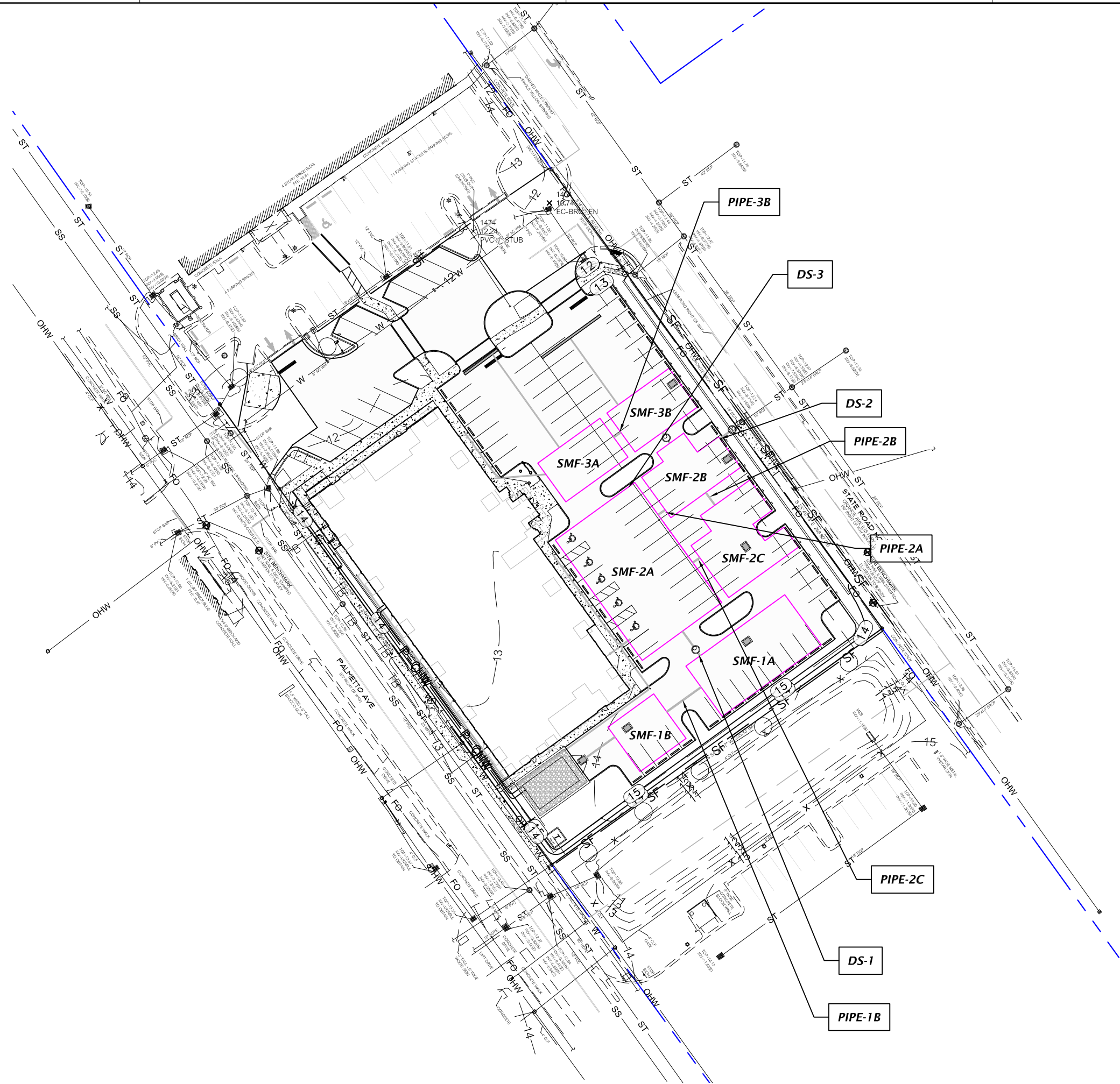


SCALE: 1"=40'
VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY.

CONSTRUCTION DETAILS

CLIENT: CAUSSEAU, HEWITT, & WALPOLE INC
ENGINEERING - SURVEYING - PLANNING
PROJECT: CLAY COUNTY ECONOMIC
DEVELOPMENT BUILDING
SHEET TITLE: POST-DEVELOPMENT DRAINAGE
MAP

DESIGNER:
QUALITY CONTROL:
PROJECT NUMBER: 23-0204



<p>11801 Research Drive Alachua, Florida 32615 (352) 531-1976 www.chw-inc.com</p> <p>CHW Professional Consultants</p> <p>est. 1988 FLORIDA CA-5075</p>	
<p>SCALE: 1"=40'</p> <p>VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.</p>	<p>CONSTRUCTION/NO. REVISIONS</p>
<p>CLIENT: CAUSSEAU, HEWITT, & WALPOLE INC ENGINEERING - SURVEYING - PLANNING PROJECT: CLAY COUNTY ECONOMIC DEVELOPMENT BUILDING SHEET TITLE: POST-DEVELOPMENT NODAL DIAGRAM</p>	<p>PROJECT NUMBER: 23-0204</p>
<p>TECHNICAL: DESIGNER: QUALITY CONTROL:</p>	<p>SHEET NO. 1</p>

Appendix A

Drainage Calculations and
Computer Model Output

Proposed:

Pre-1

Pre-Development Watershed	Area (sf)	Area (ac)	Percent	CN	Area*CN
Total Area:	52,615	1.21	100%		
Existing Pavement	31,024	0.71	59%	98	69.79637
Existing Building	1,795	0.04	3%	98	4.038364
Open Space (Fair Condition, Type D Soil)	19,796	0.45	38%	84	38.17467

CN = **93**

WS-1

Post-Development Watershed	Area (sf)	Area (ac)	Percent	CN	Area*CN
Total Area:	10,810	0.25	100%		
Proposed Building	0	0.00	0.0%	98	0.0
Proposed Pavement	10,030	0.23	92.8%	98	22.6
Proposed Sidewalk	652	0.01	6.0%	98	1.5
Open Space (Fair Condition, Type A Soil)	128	0.00	1.2%	39	0.1
		0.00	0.0%		0.0

CN = **97**

Tc = 10 min*

*FDOT minimum TOC, used to be conservative

WQTV Calculations - Post-1

TOTAL DRAINAGE AREA 10,810 sf
 TOTAL IMPERVIOUS AREA 10,682 sf

SJRWMD Requirement

0.5" x Drainage Area = 450 cf
 OR
 Runoff from first 1.25" of impervious rainfall 1,113 CF
 PLUS
 0.5" x Drainage Area = 450 cf

Required WQTV = 1,563 cf

WS-2

Post-Development Watershed	Area (sf)	Area (ac)	Percent	CN	Area*CN
Total Area:	24,344	0.56	100%		
Proposed Building	12,007	0.28	49.3%	98	27.0
Proposed Pavement	11,103	0.25	45.6%	98	25.0
Proposed Sidewalk	924	0.02	3.8%	98	2.1
Open Space (Fair Condition, Type A Soil)	309	0.01	1.3%	39	0.3
		0.00	0.0%		0.0

CN = **97**

Tc = 10 min*

*FDOT minimum TOC, used to be conservative

WQTV Calculations - Post-2

TOTAL DRAINAGE AREA 24,344 sf
 TOTAL IMPERVIOUS AREA 24,034 sf

SJRWMD Requirement

0.5" x Drainage Area = 1,014 cf
 OR
 Runoff from first 1.25" of impervious rainfall 2,504 CF
 PLUS
 0.5" x Drainage Area = 1,014 cf

Required WQTV =	3,518 cf
------------------------	-----------------

WS-3

<u>Post-Development Watershed</u>	Area (sf)	Area (ac)	Percent	CN	Area*CN
Total Area:	18,125	0.42	168%		
Proposed Building	6,338	0.15	58.6%	98	14.3
Proposed Pavement	10,456	0.24	96.7%	98	23.5
Proposed Sidewalk	922	0.02	8.5%	98	2.1
Open Space (Fair Condition, Type A Soil)	409	0.01	3.8%	39	0.4
		0.00	0.0%		0.0

CN = 97

Tc = 10 min*
 *FDOT minimum TOC, used to be conservative

WQTV Calculations - Post-3

TOTAL DRAINAGE AREA 18,125 sf
 TOTAL IMPERVIOUS AREA 17,716 sf

SJRWMD Requirement

0.5" x Drainage Area = 755 cf
 OR
 Runoff from first 1.25" of impervious rainfall 1,845 CF
 PLUS
 0.5" x Drainage Area = 755 cf

Required WQTV =	2,601 cf
------------------------	-----------------

STAGE-STORAGE CALCULATIONS:

Post-Development SMF-1A: Stage-Storage Relationship				
ELEV. (FT.)	AREA (SF)	AREA (AC)	VOLUME (CF)	VOLUME (AC-FT)
12.45	1141.27	0.0262	0	0.00000
12.53	1141.27	0.0262	95.11	0.00218
12.62	1141.27	0.0262	190.21	0.00437
12.70	1141.27	0.0262	285.32	0.00655
12.78	1141.27	0.0262	380.42	0.00873
12.87	1141.27	0.0262	475.53	0.01092
12.95	1141.27	0.0262	570.63	0.01310
13.03	2274.97	0.0522	760.22	0.01745
13.12	2231.51	0.0512	946.17	0.02172
13.20	2186.59	0.0502	1128.39	0.02590
13.28	2133.99	0.0490	1306.22	0.02999
13.37	2073.77	0.0476	1479.04	0.03395
13.45	2003.91	0.0460	1646.03	0.03779
13.53	1922.29	0.0441	1806.22	0.04147
13.62	1824.49	0.0419	1958.26	0.04496
13.70	1701.28	0.0391	2100.03	0.04821
13.78	1509.50	0.0347	2225.83	0.05110
13.87	1311.61	0.0301	2335.13	0.05361
13.95	1206.17	0.0277	2435.64	0.05591
14.03	1141.27	0.0262	2530.75	0.05810
14.12	1141.27	0.0262	2625.85	0.06028
14.20	1141.27	0.0262	2720.96	0.06246
14.28	1141.27	0.0262	2816.06	0.06465
14.37	1141.27	0.0262	2911.17	0.06683
14.45	1141.27	0.0262	3006.28	0.06901

Required WQTV =	1563.14	cf
	0.04	ac-ft
SMF-1A WQTV =	2,100	cf
SMF-1A WQTV EI =	13.70	ft
SMF-1B WQTV =	546	cf
SMF-1B WQTV EI =	14.00	ft
Excess WQTV from Post-3 =	950.57	cf
Remaining WQTV =	-132.56	cf
Depth=	2.00	ft

STAGE-STORAGE CALCULATIONS:

Post-Development SMF-1B: Stage-Storage Relationship				
ELEV. (FT.)	AREA (SF)	AREA (AC)	VOLUME (CF)	VOLUME (AC-FT)
13.00	385.64	0.0089	0	0.00000
13.08	385.64	0.0089	32.14	0.00074
13.17	385.64	0.0089	64.27	0.00148
13.25	385.64	0.0089	96.41	0.00221
13.33	385.64	0.0089	128.55	0.00295
13.42	385.64	0.0089	160.68	0.00369
13.50	385.64	0.0089	192.82	0.00443
13.58	746.36	0.0171	255.01	0.00585
13.67	732.53	0.0168	316.06	0.00726
13.75	718.24	0.0165	375.91	0.00863
13.83	701.50	0.0161	434.37	0.00997
13.92	682.34	0.0157	491.23	0.01128
14.00	660.11	0.0152	546.24	0.01254
14.08	634.14	0.0146	599.09	0.01375
14.17	603.03	0.0138	649.34	0.01491
14.25	563.82	0.0129	696.32	0.01599
14.33	502.80	0.0115	738.22	0.01695
14.42	439.84	0.0101	774.88	0.01779
14.50	406.29	0.0093	808.73	0.01857
14.58	385.64	0.0089	840.87	0.01930
14.67	385.64	0.0089	873.01	0.02004
14.75	385.64	0.0089	905.14	0.02078
14.83	385.64	0.0089	937.28	0.02152
14.92	385.64	0.0089	969.42	0.02225
15.00	385.64	0.0089	1001.55	0.02299

Required WQTV =	1563.14	cf
	0.04	ac-ft
SMF-1A WQTV =	2,100	cf
SMF-1A WQTV EI. =	13.70	ft
SMF-1B WQTV =	546	cf
SMF-1B WQTV EI. =	14.00	ft
Excess WQTV from Post-3 =	950.57	cf
Remaining WQTV =	-132.56	cf
Depth=	2.00	ft

STAGE-STORAGE CALCULATIONS:

Post-Development SMF-2A: Stage-Storage Relationship				
ELEV. (FT.)	AREA (SF)	AREA (AC)	VOLUME (CF)	VOLUME (AC-FT)
12.10	1784.60	0.0089	0	0.00000
12.18	1784.60	0.0089	148.72	0.00341
12.27	1784.60	0.0089	297.43	0.00683
12.35	1784.60	0.0089	446.15	0.01024
12.43	1784.60	0.0089	594.87	0.01366
12.52	1784.60	0.0089	743.59	0.01707
12.60	1784.60	0.0089	892.30	0.02048
12.68	3588.23	0.0171	1191.32	0.02735
12.77	3519.07	0.0168	1484.58	0.03408
12.85	3447.62	0.0165	1771.88	0.04068
12.93	3363.94	0.0161	2052.21	0.04711
13.02	3268.14	0.0157	2324.55	0.05336
13.10	3156.99	0.0152	2587.63	0.05940
13.18	3027.14	0.0146	2839.90	0.06520
13.27	2871.55	0.0138	3079.19	0.07069
13.35	2675.53	0.0129	3302.15	0.07581
13.43	2370.42	0.0115	3499.69	0.08034
13.52	2055.60	0.0101	3670.99	0.08427
13.60	1887.86	0.0093	3828.31	0.08789
13.68	1784.60	0.0089	3977.03	0.09130
13.77	1784.60	0.0089	4125.74	0.09471
13.85	1784.60	0.0089	4274.46	0.09813
13.93	1784.60	0.0089	4423.18	0.10154
14.02	1784.60	0.0089	4571.89	0.10496
14.10	1784.60	0.0089	4720.61	0.10837

Required WQTV =	3517.90	cf
Additional WQTV =	-	cf
Total WQTV =	3,518	cf
	0.081	ac-ft
WQTV Elevation =	12.77	ft
Depth=	2.00	ft

STAGE-STORAGE CALCULATIONS:

Post-Development SMF-2B: Stage-Storage Relationship				
ELEV. (FT.)	AREA (SF)	AREA (AC)	VOLUME (CF)	VOLUME (AC-FT)
11.40	582.80	0.0386	0	0.00000
11.48	582.80	0.0386	48.57	0.00111
11.57	582.80	0.0386	97.13	0.00223
11.65	582.80	0.0386	145.70	0.00334
11.73	582.80	0.0386	194.27	0.00446
11.82	582.80	0.0386	242.84	0.00557
11.90	582.80	0.0386	291.40	0.00669
11.98	1085.24	0.0746	381.84	0.00877
12.07	1065.98	0.0739	470.67	0.01081
12.15	1046.07	0.0729	557.84	0.01281
12.23	1022.76	0.0719	643.07	0.01476
12.32	996.07	0.0706	726.08	0.01667
12.40	965.11	0.0691	806.51	0.01851
12.48	928.94	0.0676	883.92	0.02029
12.57	885.60	0.0661	957.72	0.02199
12.65	830.99	0.0641	1026.97	0.02358
12.73	746.00	0.0618	1089.13	0.02500
12.82	658.30	0.0593	1143.99	0.02626
12.90	611.57	0.0563	1194.95	0.02743
12.98	582.80	0.0523	1243.52	0.02855
13.07	582.80	0.0453	1292.09	0.02966
13.15	582.80	0.0425	1340.66	0.03078
13.23	582.80	0.0401	1389.22	0.03189
13.32	582.80	0.0386	1437.79	0.03301
13.40	582.80	0.0386	1486.36	0.03412

Required WQTV =	3517.90	cf
Additional WQTV =	-	cf
Total WQTV =	3,518	cf
	0.081	ac-ft
WQTV Elevation =	12.77	ft
Depth=	2.00	ft

STAGE-STORAGE CALCULATIONS:

Post-Development SMF-2C: Stage-Storage Relationship				
ELEV. (FT.)	AREA (SF)	AREA (AC)	VOLUME (CF)	VOLUME (AC-FT)
11.85	902.36	0.0386	0	0.00000
11.93	902.36	0.0386	75.20	0.00173
12.02	902.36	0.0386	150.39	0.00345
12.10	902.36	0.0386	225.59	0.00518
12.18	902.36	0.0386	300.79	0.00691
12.27	902.36	0.0386	375.98	0.00863
12.35	902.36	0.0386	451.18	0.01036
12.43	1688.22	0.0746	591.87	0.01359
12.52	1658.09	0.0739	730.04	0.01676
12.60	1626.96	0.0729	865.62	0.01987
12.68	1590.50	0.0719	998.16	0.02291
12.77	1548.76	0.0706	1127.22	0.02588
12.85	1500.33	0.0691	1252.25	0.02875
12.93	1443.75	0.0676	1372.56	0.03151
13.02	1375.96	0.0661	1487.23	0.03414
13.10	1290.55	0.0641	1594.77	0.03661
13.18	1157.61	0.0618	1691.24	0.03883
13.27	1020.44	0.0593	1776.28	0.04078
13.35	947.35	0.0563	1855.22	0.04259
13.43	902.36	0.0523	1930.42	0.04432
13.52	902.36	0.0453	2005.62	0.04604
13.60	902.36	0.0425	2080.81	0.04777
13.68	902.36	0.0401	2156.01	0.04950
13.77	902.36	0.0386	2231.21	0.05122
13.85	902.36	0.0386	2306.40	0.05295

Required WQTV =	3517.90	cf
Additional WQTV* =	-	cf
Total WQTV =	3,518	cf
	0.081	ac-ft
WQTV Elevation =	12.77	ft
Depth=	2.00	ft

STAGE-STORAGE CALCULATIONS:

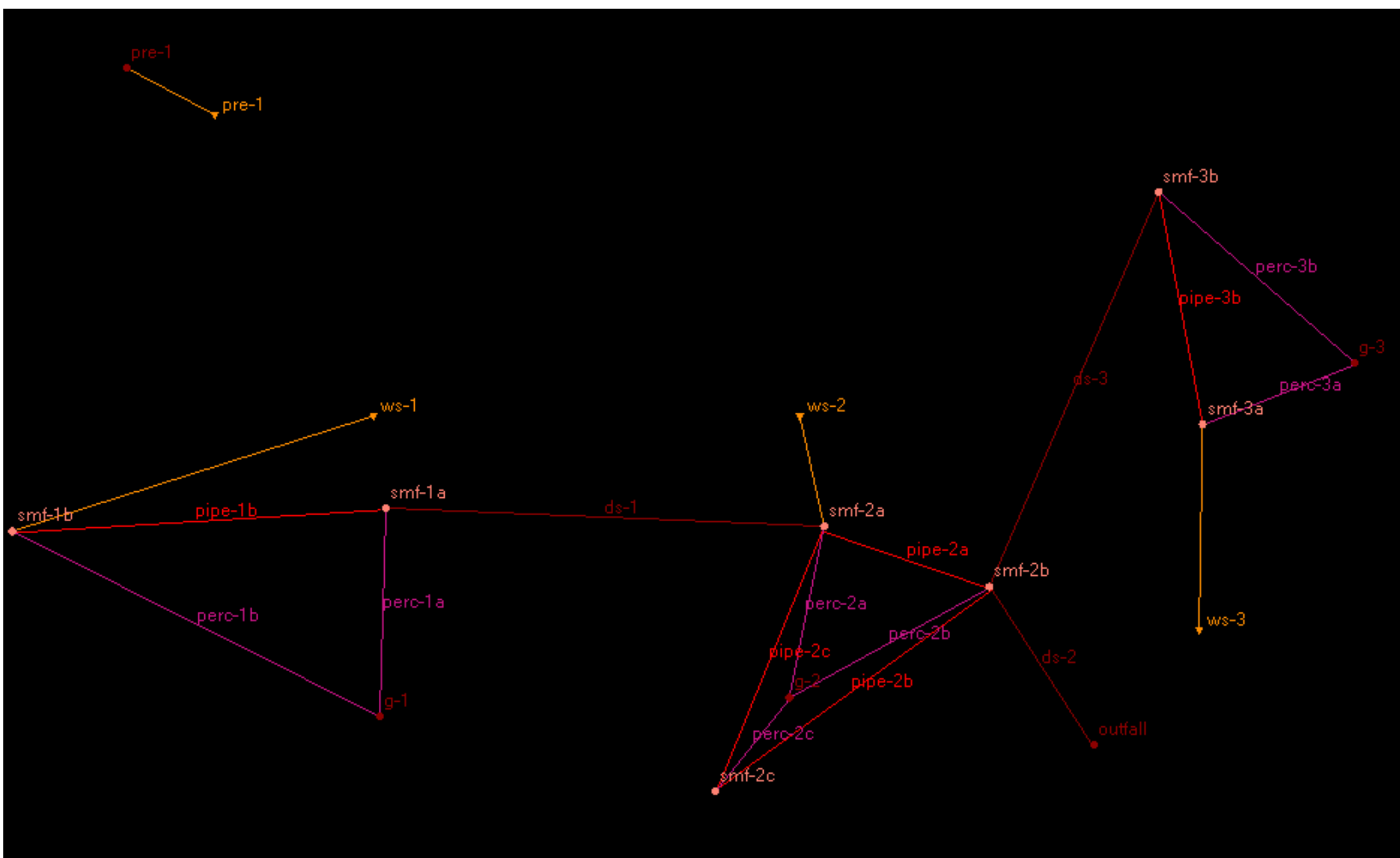
Post-Development SMF-3A: Stage-Storage Relationship				
ELEV. (FT.)	AREA (SF)	AREA (AC)	VOLUME (CF)	VOLUME (AC-FT)
11.90	525.44	0.0386	0	0.00000
11.98	525.44	0.0386	43.79	0.00101
12.07	525.44	0.0386	87.57	0.00201
12.15	525.44	0.0386	131.36	0.00302
12.23	525.44	0.0386	175.15	0.00402
12.32	525.44	0.0386	218.93	0.00503
12.40	525.44	0.0386	262.72	0.00603
12.48	1027.88	0.0746	348.38	0.00800
12.57	1008.61	0.0739	432.43	0.00993
12.65	988.71	0.0729	514.82	0.01182
12.73	965.40	0.0719	595.27	0.01367
12.82	938.71	0.0706	673.50	0.01546
12.90	907.75	0.0691	749.14	0.01720
12.98	871.58	0.0676	821.77	0.01887
13.07	828.23	0.0661	890.79	0.02045
13.15	773.63	0.0641	955.26	0.02193
13.23	688.63	0.0618	1012.65	0.02325
13.32	600.93	0.0593	1062.72	0.02440
13.40	554.20	0.0563	1108.91	0.02546
13.48	525.44	0.0523	1152.69	0.02646
13.57	525.44	0.0453	1196.48	0.02747
13.65	525.44	0.0425	1240.27	0.02847
13.73	525.44	0.0401	1284.05	0.02948
13.82	525.44	0.0386	1327.84	0.03048
13.90	525.44	0.0386	1371.63	0.03149

Required WQTV =	2600.57	cf
	0.06	ac-ft
WQTV Elevation =	13.42	ft
SMF-3A WQTV =	822	cf
SMF-3A WQTV EI. =	13.00	ft
SMF-3B WQTV =	828	cf
SMF-3B WQTV EI. =	12.42	ft
Remaining WQTV =	950.57	cf
Depth=	2.00	ft

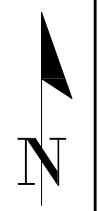
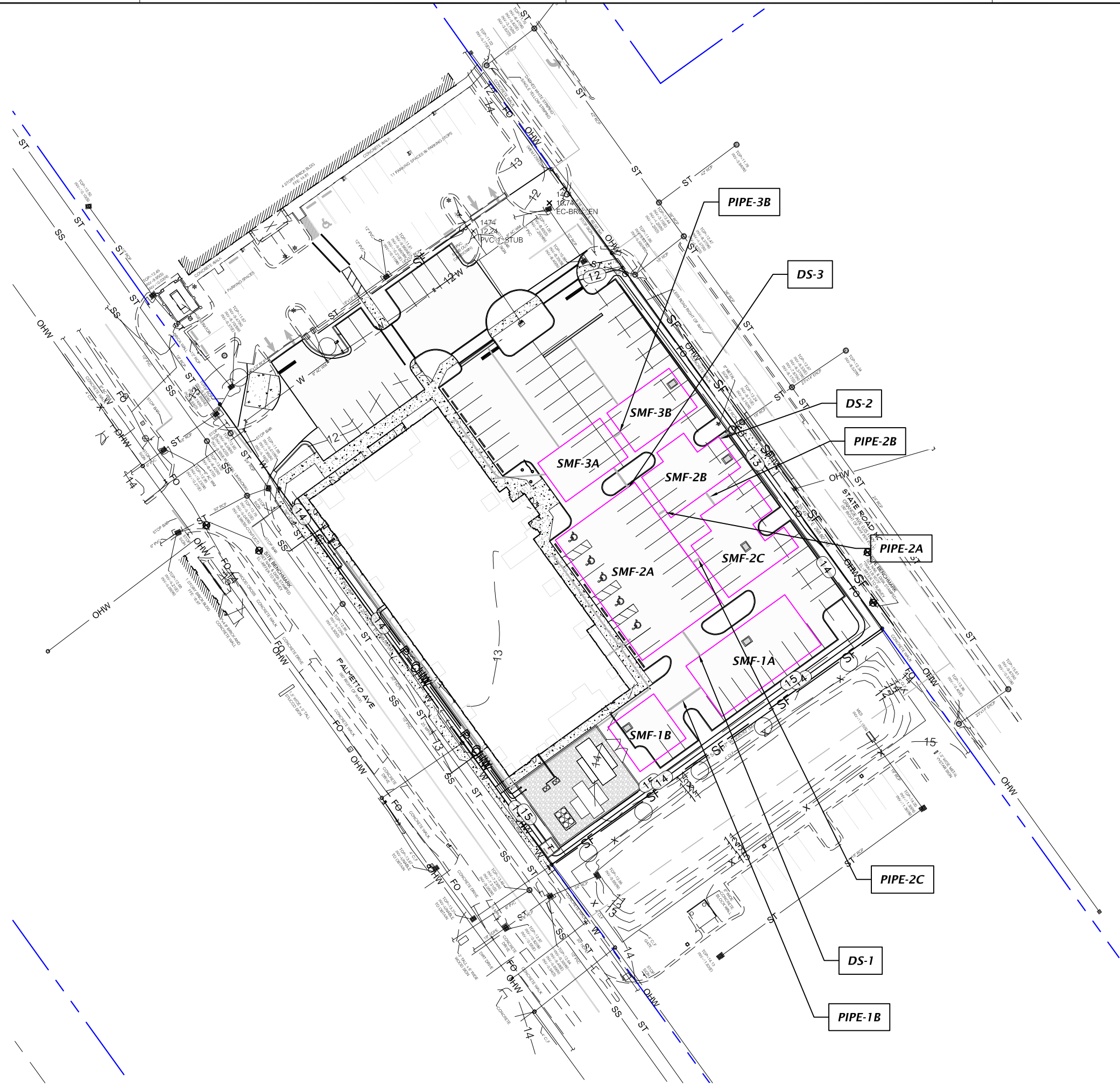
STAGE-STORAGE CALCULATIONS:

Post-Development SMF-3B: Stage-Storage Relationship				
ELEV. (FT.)	AREA (SF)	AREA (AC)	VOLUME (CF)	VOLUME (AC-FT)
11.25	525.44	0.0386	0	0.00000
11.33	525.44	0.0386	43.79	0.00101
11.42	525.44	0.0386	87.57	0.00201
11.50	525.44	0.0386	131.36	0.00302
11.58	525.44	0.0386	175.15	0.00402
11.67	525.44	0.0386	218.93	0.00503
11.75	525.44	0.0386	262.72	0.00603
11.83	1027.88	0.0746	348.38	0.00800
11.92	1008.61	0.0739	432.43	0.00993
12.00	988.71	0.0729	514.82	0.01182
12.08	965.40	0.0719	595.27	0.01367
12.17	938.71	0.0706	673.50	0.01546
12.25	907.75	0.0691	749.14	0.01720
12.33	871.58	0.0676	821.77	0.01887
12.42	828.23	0.0661	890.79	0.02045
12.50	773.63	0.0641	955.26	0.02193
12.58	688.63	0.0618	1012.65	0.02325
12.67	600.93	0.0593	1062.72	0.02440
12.75	554.20	0.0563	1108.91	0.02546
12.83	525.44	0.0523	1152.69	0.02646
12.92	525.44	0.0453	1196.48	0.02747
13.00	525.44	0.0425	1240.27	0.02847
13.08	525.44	0.0401	1284.05	0.02948
13.17	525.44	0.0386	1327.84	0.03048
13.25	525.44	0.0386	1371.63	0.03149

Required WQTV =	2600.57	cf
	0.06	ac-ft
WQTV Elevation =	13.42	ft
SMF-3A WQTV =	822	cf
SMF-3A WQTV EI =	13.00	ft
SMF-3B WQTV =	828	cf
SMF-3B WQTV EI =	12.42	ft
Remaining WQTV =	950.57	cf
Depth=	2.00	ft



Clay County Economic Development Building Nodal Diagram



11801 Research Drive
 Alachua, Florida 32615
 (352) 531-1976
 www.chw-inc.com
FLORIDA
 est. 1988 CA-5075



SCALE: 1"=40'
 VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 THIS SHEET, ADJUST
 SCALES ACCORDINGLY.

CONSTRUCTION AND EXISTING

CLIENT: CAUSSEAU, HEWITT, & WALPOLE INC
 ENGINEERING - SURVEYING - PLANNING
 PROJECT: CLAY COUNTY ECONOMIC
 DEVELOPMENT BUILDING
 SHEET TITLE: POST-DEVELOPMENT NODAL
 DIAGRAM

TECHNICAL:
 DESIGNER:
 QUALITY CONTROL:
 PROJECT NUMBER: 23-0204

Inputs

Simple Basin: pre-1

Scenario: Icpr3
Node: pre-1
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH484
Peaking Factor: 484.0
Area: 1.2100 ac
Curve Number: 93.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: ws-1

Scenario: Icpr3
Node: smf-1b
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 999999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH484
Peaking Factor: 484.0
Area: 0.2500 ac
Curve Number: 97.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: ws-2

Scenario: Icpr3
Node: smf-2a
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 999999.00 cfs

Inputs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 0.5600 ac
 Curve Number: 97.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: ws-3

Scenario: lcp3
 Node: smf-3a
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 999999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: Uh484
 Peaking Factor: 484.0
 Area: 0.4300 ac
 Curve Number: 97.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Node: g-1

Scenario: lcp3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	99999.0000	0.00

Comment:

Inputs

Node: g-2

Scenario: Icpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	99999.0000	0.00

Comment:

Node: g-3

Scenario: Icpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	99999.0000	0.00

Comment:

Node: outfall

Scenario: Icpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 7.65 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	7.65
0	0	0	99999.0000	7.65

Comment:

Inputs

Node: pre-1

Scenario: lcpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	14.00
0	0	0	99999.0000	14.00

Comment:

Node: smf-1a

Scenario: lcpr3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 12.45 ft
 Warning Stage: 14.40 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
12.45	0.00	0
12.53	0.00	95
12.62	0.00	190
12.70	0.01	285
12.78	0.01	380
12.87	0.01	476
12.95	0.01	571
13.03	0.02	760
13.12	0.02	946
13.20	0.03	1128
13.28	0.03	1306
13.37	0.03	1479
13.45	0.04	1646
13.53	0.04	1806
13.62	0.04	1958
13.70	0.05	2100
13.78	0.05	2226
13.87	0.05	2335
13.95	0.06	2435
14.03	0.06	2531
14.12	0.06	2626
14.20	0.06	2721
14.28	0.06	2816
14.37	0.07	2911
14.45	0.07	3006

Inputs

Comment:

Node: smf-1b

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 13.00 ft
 Warning Stage: 14.75 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
13.00	0.00	0
13.08	0.00	32
13.17	0.00	64
13.25	0.00	96
13.33	0.00	129
13.42	0.00	161
13.50	0.00	193
13.58	0.01	255
13.67	0.01	316
13.75	0.01	376
13.83	0.01	434
13.92	0.01	491
14.00	0.01	546
14.08	0.01	599
14.17	0.01	649
14.25	0.02	697
14.33	0.02	738
14.42	0.02	775
14.50	0.02	809
14.58	0.02	841
14.67	0.02	873
14.75	0.02	905
14.83	0.02	937
14.92	0.02	969
15.00	0.02	1001

Comment:

Node: smf-2a

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 12.10 ft
 Warning Stage: 14.00 ft

Inputs

Stage [ft]	Volume [ac-ft]	Volume [ft3]
12.10	0.00	0
12.18	0.00	149
12.27	0.01	298
12.35	0.01	446
12.43	0.01	595
12.52	0.02	744
12.60	0.02	892
12.68	0.03	1191
12.77	0.03	1485
12.85	0.04	1772
12.93	0.05	2052
13.02	0.05	2324
13.10	0.06	2587
13.18	0.07	2840
13.27	0.07	3079
13.35	0.08	3302
13.43	0.08	3500
13.52	0.08	3671
13.60	0.09	3828
13.68	0.09	3977
13.77	0.09	4126
13.85	0.10	4275
13.93	0.10	4423
14.02	0.10	4572
14.10	0.11	4721

Comment:

Node: smf-2b

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.40 ft
 Warning Stage: 13.30 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.40	0.00	0
11.48	0.00	48
11.57	0.00	97
11.65	0.00	145
11.73	0.00	194
11.82	0.01	243
11.90	0.01	291
11.98	0.01	382
12.07	0.01	471

Inputs

Stage [ft]	Volume [ac-ft]	Volume [ft3]
12.15	0.01	558
12.23	0.01	643
12.32	0.02	726
12.40	0.02	806
12.48	0.02	884
12.57	0.02	958
12.65	0.02	1027
12.73	0.03	1089
12.82	0.03	1144
12.90	0.03	1195
12.98	0.03	1244
13.07	0.03	1292
13.15	0.03	1341
13.23	0.03	1389
13.32	0.03	1438
13.40	0.03	1486

Comment:

Node: smf-2c

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.85 ft
 Warning Stage: 14.30 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.85	0.00	0
11.93	0.00	75
12.02	0.00	150
12.10	0.01	226
12.18	0.01	301
12.27	0.01	376
12.35	0.01	451
12.43	0.01	526
12.52	0.02	601
12.60	0.02	676
12.68	0.02	751
12.77	0.03	826
12.85	0.03	901
12.93	0.03	976
13.02	0.03	1051
13.10	0.04	1126
13.18	0.04	1201
13.27	0.04	1276
13.35	0.04	1351

Inputs

Stage [ft]	Volume [ac-ft]	Volume [ft3]
13.43	0.04	1931
13.52	0.05	2006
13.60	0.05	2081
13.68	0.05	2156
13.77	0.05	2231
13.85	0.05	2307

Comment:

Node: smf-3a

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.90 ft
 Warning Stage: 13.80 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.90	0.00	0
11.98	0.00	44
12.07	0.00	88
12.15	0.00	132
12.23	0.00	175
12.32	0.01	219
12.40	0.01	263
12.48	0.01	348
12.57	0.01	433
12.65	0.01	515
12.73	0.01	595
12.82	0.02	673
12.90	0.02	749
12.98	0.02	822
13.07	0.02	891
13.15	0.02	955
13.23	0.02	1013
13.32	0.02	1063
13.40	0.03	1109
13.48	0.03	1153
13.57	0.03	1197
13.65	0.03	1240
13.73	0.03	1284
13.82	0.03	1328
13.90	0.03	1372

Comment:

Inputs

Node: smf-3b

Scenario: lcpr3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.25 ft
 Warning Stage: 13.10 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.25	0.00	0
11.33	0.00	44
11.42	0.00	88
11.50	0.00	132
11.58	0.00	175
11.67	0.01	219
11.75	0.01	263
11.83	0.01	348
11.92	0.01	433
12.00	0.01	515
12.08	0.01	595
12.17	0.02	673
12.25	0.02	749
12.33	0.02	822
12.42	0.02	891
12.50	0.02	955
12.58	0.02	1013
12.67	0.02	1063
12.75	0.03	1109
12.83	0.03	1153
12.92	0.03	1197
13.00	0.03	1240
13.08	0.03	1284
13.17	0.03	1328
13.25	0.03	1372

Comment:

Drop Structure Link: ds-1	Upstream Pipe	Downstream Pipe
Scenario: lcpr3	Invert: 13.00 ft	Invert: 12.25 ft
From Node: smf-1a	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2a	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Solution: Combine	Default: 0.00 ft	Default: 0.00 ft
Increments: 10	Op Table:	Op Table:
Pipe Count: 1	Ref Node:	Ref Node:
Damping: 0.0000 ft	Manning's N: 0.0000	Manning's N: 0.0000
Length: 15.00 ft	Top Clip	

Inputs

FHWA Code:	1	Default:	0.00 ft	Default:	0.00 ft
Entr Loss Coef:	0.00	Op Table:		Op Table:	
Exit Loss Coef:	1.00	Ref Node:		Ref Node:	
Bend Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component

Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	13.70 ft	Op Table:	
Control Elevation:	13.70 ft	Ref Node:	
Max Depth:	1.50 ft	Discharge Coefficients	
Max Width:	1.50 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Drop Structure Comment:

Drop Structure Link:	ds-2	Upstream Pipe	Downstream Pipe		
Scenario:	Icpr3	Invert:	11.40 ft	Invert:	6.40 ft
From Node:	smf-2b	Manning's N:	0.0110	Manning's N:	0.0110
To Node:	outfall	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Solution:	Combine	Default:	0.00 ft	Default:	0.00 ft
Increments:	10	Op Table:		Op Table:	
Pipe Count:	1	Ref Node:		Ref Node:	
Damping:	0.0000 ft	Manning's N:	0.0000	Manning's N:	0.0000
Length:	20.00 ft	Top Clip			
FHWA Code:	1	Default:	0.00 ft	Default:	0.00 ft
Entr Loss Coef:	0.00	Op Table:		Op Table:	
Exit Loss Coef:	1.00	Ref Node:		Ref Node:	
Bend Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component

Weir:	1	Bottom Clip
-------	---	-------------

Inputs

Weir Count:	1	
Weir Flow Direction:	Both	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:
Weir Type:	Sharp Crested Vertical	Ref Node:
Geometry Type:	Rectangular	Top Clip
Invert:	12.77 ft	Default: 0.00 ft
Control Elevation:	12.77 ft	Op Table:
Max Depth:	0.90 ft	Ref Node:
Max Width:	3.50 ft	Discharge Coefficients
Fillet:	0.00 ft	Weir Default: 3.200
		Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Weir Comment:

Drop Structure Comment:

Drop Structure Link: ds-3	Upstream Pipe	Downstream Pipe
Scenario: lcpr3	Invert: 12.00 ft	Invert: 11.90 ft
From Node: smf-3b	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2b	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Solution: Combine	Default: 0.00 ft	Default: 0.00 ft
Increments: 10	Op Table:	Op Table:
Pipe Count: 1	Ref Node:	Ref Node:
Damping: 0.0000 ft	Manning's N: 0.0000	Manning's N: 0.0000
Length: 29.00 ft	Top Clip	
FHWA Code: 1	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef: 0.00	Op Table:	Op Table:
Exit Loss Coef: 1.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Location: 0.00 dec		
Energy Switch: Energy		

Pipe Comment:

Weir Component	
Weir: 1	Bottom Clip
Weir Count: 1	Default: 0.00 ft
Weir Flow Direction: Both	Op Table:
Damping: 0.0000 ft	Ref Node:
Weir Type: Sharp Crested Vertical	Top Clip
Geometry Type: Rectangular	Default: 0.00 ft
Invert: 12.42 ft	Op Table:
Control Elevation: 12.42 ft	Ref Node:
Max Depth: 0.83 ft	Discharge Coefficients
Max Width: 3.50 ft	Weir Default: 3.200

Inputs

Fillet: 0.00 ft

Weir Table:
Orifice Default: 0.600
Orifice Table:

Weir Comment:

Drop Structure Comment:

Percolation Link: perc-1a

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-1a	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-1	Perimeter 1:	225.00 ft
Link Count:	1	Perimeter 2:	226.00 ft
Flow Direction:	Both	Perimeter 3:	227.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	11.45 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-1b

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-1b	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-1	Perimeter 1:	130.00 ft
Link Count:	1	Perimeter 2:	131.00 ft
Flow Direction:	Both	Perimeter 3:	132.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	12.00 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-2a

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-2a	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-2		

Inputs

Link Count:	1	
Flow Direction:	Both	Perimeter 1: 286.00 ft
Aquifer Base Elevation:	0.00 ft	Perimeter 2: 287.00 ft
Water Table Elevation:	11.09 ft	Perimeter 3: 288.00 ft
Annual Recharge Rate:	0 ipy	Distance P1 to P2: 50.00 ft
Horizontal Conductivity:	3.000 fpd	Distance P2 to P3: 450.00 ft
Vertical Conductivity:	10.000 fpd	# of Cells P1 to P2: 10
Fillable Porosity:	0.250	# of Cells P2 to P3: 45
Layer Thickness:	1.00 ft	

Comment:

Percolation Link: perc-2b

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-2b	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-2	Perimeter 1:	171.00 ft
Link Count:	1	Perimeter 2:	172.00 ft
Flow Direction:	Both	Perimeter 3:	173.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	10.38 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-2c

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-2c	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-2	Perimeter 1:	224.00 ft
Link Count:	1	Perimeter 2:	225.00 ft
Flow Direction:	Both	Perimeter 3:	226.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	10.85 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-3a

Inputs

Scenario:	Icpr3	Surface Area Option:	User Specified
From Node:	smf-3a	Bottom Elevation:	11.90 ft
To Node:	g-3	Surface Area:	0.0234 ac
Link Count:	1	Vertical Flow Termination:	Horizontal Flow Algorithm
Flow Direction:	Both	Perimeter 1:	145.00 ft
Aquifer Base Elevation:	0.00 ft	Perimeter 2:	146.00 ft
Water Table Elevation:	10.88 ft	Perimeter 3:	147.00 ft
Annual Recharge Rate:	0 ipy	Distance P1 to P2:	50.00 ft
Horizontal Conductivity:	3.000 fpd	Distance P2 to P3:	450.00 ft
Vertical Conductivity:	10.000 fpd	# of Cells P1 to P2:	10
Fillable Porosity:	0.250	# of Cells P2 to P3:	45
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-3b

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-3b	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-3	Perimeter 1:	144.00 ft
Link Count:	1	Perimeter 2:	145.00 ft
Flow Direction:	Both	Perimeter 3:	146.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	10.22 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Pipe Link: pipe-1b

	Upstream	Downstream
Scenario:	Icpr3	Icpr3
From Node:	smf-1b	smf-1a
To Node:	smf-1a	smf-1b
Link Count:	1	1
Flow Direction:	Both	Both
Damping:	0.0000 ft	0.0000 ft
Length:	23.00 ft	23.00 ft
FHWA Code:	0	0
Entr Loss Coef:	0.00	0.00
Exit Loss Coef:	0.00	0.00
Bend Loss Coef:	0.00	0.00
Bend Location:	0.00 dec	0.00 dec
Energy Switch:	Energy	Energy
	Invert: 14.25 ft	Invert: 12.95 ft
	Manning's N: 0.0110	Manning's N: 0.0110
	Geometry: Circular	Geometry: Circular
	Max Depth: 1.25 ft	Max Depth: 1.25 ft
	Bottom Clip	
	Default: 0.00 ft	Default: 0.00 ft
	Op Table:	Op Table:
	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000
	Top Clip	
	Default: 0.00 ft	Default: 0.00 ft
	Op Table:	Op Table:
	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Inputs		
Pipe Link: pipe-2a	Upstream	Downstream
Scenario: Icp3	Invert: 13.25 ft	Invert: 12.60 ft
From Node: smf-2a	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2c	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 5.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000
Comment:		

Inputs		
Pipe Link: pipe-2b	Upstream	Downstream
Scenario: Icp3	Invert: 13.00 ft	Invert: 12.60 ft
From Node: smf-2c	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2b	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 20.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000
Comment:		

Inputs		
Pipe Link: pipe-2c	Upstream	Downstream
Scenario: Icp3	Invert: 12.80 ft	Invert: 12.80 ft
From Node: smf-2c	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2a	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 5.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	

Inputs

Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link:	pipe-3b	Upstream	Downstream		
Scenario:	Icpr3	Invert:	13.20 ft	Invert:	11.75 ft
From Node:	smf-3a	Manning's N:	0.0110	Manning's N:	0.0110
To Node:	smf-3b	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	5.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Simulation: 003YR001HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 6:06:07 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
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Inputs

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph ICPR3
Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Global
	Opt:
Max dZ: 1.0000 ft	Rainfall Name: ~FDOT-1
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.60 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Simulation: 003YR002HR

Scenario: Icp3
Run Date/Time: 9/19/2023 6:15:45 PM

Inputs

Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

IA Recovery Time: 2.0000 hr

Smp/Man Basin Rain Opt: Global

Inputs

Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Rainfall Name: ~FDOT-2
 Rainfall Amount: 3.10 in
 Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 003YR004HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 6:25:17 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Inputs

Resources	Lookup Tables
Rainfall Folder: Icp3	Boundary Stage Set:
Unit Hydrograph Folder: Icp3	Extern Hydrograph Set:
	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 4.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: ~FDOT-4
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.60 in
Edge Length Option: Automatic	Storm Duration: 4.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy

Comment:

Simulation: 003YR008HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 6:36:29 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Inputs

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 8.0000 hr

Smp/Man Basin Rain Opt: Global

Rainfall Name: ~FDOT-8
Rainfall Amount: 4.30 in
Storm Duration: 8.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 003YR024HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 6:45:44 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
 Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec

IA Recovery Time: 24.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-24
 Rainfall Amount: 5.80 in
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 003YR072HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 6:55:14 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr

Smp/Man Basin Rain Opt: Global

Rainfall Name: ~FDOT-72
Rainfall Amount: 6.50 in
Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 005YR001HR

Scenario: Icpr3
Run Date/Time: 9/19/2023 7:05:55 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
	Rainfall Amount: 2.80 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 005YR002HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 7:17:31 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 2.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-2
 Rainfall Amount: 3.50 in
 Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 005YR004HR
 Scenario: Icpr3
 Run Date/Time: 9/19/2023 7:26:52 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

IA Recovery Time: 4.0000 hr
 Smp/Man Basin Rain Opt: Global
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 4.10 in
 Storm Duration: 4.0000 hr
 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 005YR008HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 7:38:07 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 8.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-8
	Rainfall Amount: 4.70 in
Edge Length Option: Automatic	Storm Duration: 8.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 005YR024HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 7:47:31 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 24.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-24
 Rainfall Amount: 6.20 in
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 005YR072HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 7:57:13 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-72
Rainfall Amount: 7.60 in
Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 010YR001HR

Scenario: Icp3
Run Date/Time: 9/19/2023 8:07:50 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICpr3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
	Rainfall Amount: 3.10 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 010YR002HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 8:17:25 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 IA Recovery Time: 2.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-2
 Rainfall Amount: 3.80 in
 Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR004HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 8:27:23 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

IA Recovery Time: 4.0000 hr
 Smp/Man Basin Rain Opt: Global
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 4.70 in
 Storm Duration: 4.0000 hr
 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR008HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 8:36:49 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 8.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-8
	Rainfall Amount: 5.40 in
Edge Length Option: Automatic	Storm Duration: 8.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 010YR024HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 8:46:07 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 24.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-24
 Rainfall Amount: 7.30 in
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR072HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 8:55:48 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-72
Rainfall Amount: 8.80 in
Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 025YR001HR

Scenario: Icp3
Run Date/Time: 9/19/2023 9:06:52 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICpr3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
	Rainfall Amount: 3.50 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 025YR002HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 9:16:36 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec

IA Recovery Time: 2.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-2
 Rainfall Amount: 4.30 in
 Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 025YR004HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 9:27:23 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 4.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-4
Rainfall Amount: 5.50 in
Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 025YR008HR

Scenario: Icpr3
Run Date/Time: 9/19/2023 9:36:51 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 8.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-8
	Rainfall Amount: 6.40 in
Edge Length Option: Automatic	Storm Duration: 8.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 025YR024HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 9:46:24 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000
0	0	0	999999.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 24.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-24
 Rainfall Amount: 8.60 in
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 113 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 025YR072HR
 Scenario: Icpr3
 Run Date/Time: 9/19/2023 10:01:30 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr
 Smp/Man Basin Rain Opt: Global
 Rainfall Name: ~FDOT-72
 Rainfall Amount: 11.00 in
 Storm Duration: 72.0000 hr
 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 050YR001HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 10:16:34 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICpr3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
	Rainfall Amount: 3.80 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 050YR002HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 10:30:10 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 2.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-2
 Rainfall Amount: 4.80 in
 Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 050YR004YR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 10:43:15 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 4.0000 hr

Smp/Man Basin Rain Opt: Global

Rainfall Name: ~FDOT-4
Rainfall Amount: 6.00 in
Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 050YR008HR

Scenario: Icpr3
Run Date/Time: 9/19/2023 10:56:46 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 8.0000 hr
Max Iterations: 6	
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-8
	Rainfall Amount: 7.10 in
Edge Length Option: Automatic	Storm Duration: 8.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 050YR024HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 11:10:05 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 24.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-24
 Rainfall Amount: 9.30 in
 Storm Duration: 24.0000 hr
 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 050YR072HR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 11:21:20 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-72
Rainfall Amount: 12.00 in
Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 100YR001HR

Scenario: Icpr3
Run Date/Time: 9/19/2023 11:33:14 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICpr3

 Unit Hydrograph ICPR3
 Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Global
	Opt:
Max dZ: 1.0000 ft	Rainfall Name: ~FDOT-1
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 4.20 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 100YR002HR

Scenario: Icp3
 Run Date/Time: 9/19/2023 11:43:07 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 2.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-2
 Rainfall Amount: 5.30 in
 Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR004YR

Scenario: Icpr3
 Run Date/Time: 9/19/2023 11:53:05 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 4.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-4
Rainfall Amount: 6.50 in
Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 100YR008HR

Scenario: Icp3
Run Date/Time: 9/20/2023 12:02:26 AM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 8.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-8
	Rainfall Amount: 7.90 in
Edge Length Option: Automatic	Storm Duration: 8.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 100YR024HR

Scenario: Icp3
 Run Date/Time: 9/20/2023 12:12:07 AM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec

IA Recovery Time: 24.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-24
 Rainfall Amount: 10.60 in
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR072HR
 Scenario: Icpr3
 Run Date/Time: 9/20/2023 12:21:52 AM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-72
Rainfall Amount: 13.75 in
Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: MN024HR

Scenario: Icp3
Run Date/Time: 9/20/2023 12:32:33 AM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FLMOD
	Rainfall Amount: 4.70 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Max Stages

Sim	Node Name	Maximum Stage [ft]
003YR001HR	smf-1a	13.04
003YR001HR	smf-1b	14.67
003YR001HR	smf-2a	13.22
003YR001HR	smf-2b	12.43
003YR001HR	smf-2c	12.68
003YR001HR	smf-3a	13.76
003YR001HR	smf-3b	12.70
003YR002HR	smf-1a	13.02
003YR002HR	smf-1b	14.61
003YR002HR	smf-2a	13.17
003YR002HR	smf-2b	12.63
003YR002HR	smf-2c	13.01
003YR002HR	smf-3a	13.68
003YR002HR	smf-3b	12.64
003YR004HR	smf-1a	13.23
003YR004HR	smf-1b	14.50
003YR004HR	smf-2a	13.19
003YR004HR	smf-2b	12.87
003YR004HR	smf-2c	13.17
003YR004HR	smf-3a	13.54
003YR004HR	smf-3b	12.88
003YR008HR	smf-1a	13.19
003YR008HR	smf-1b	14.50
003YR008HR	smf-2a	13.22
003YR008HR	smf-2b	12.88
003YR008HR	smf-2c	13.18
003YR008HR	smf-3a	13.54
003YR008HR	smf-3b	12.89
003YR024HR	smf-1a	13.51
003YR024HR	smf-1b	14.39
003YR024HR	smf-2a	13.15
003YR024HR	smf-2b	12.85
003YR024HR	smf-2c	13.14
003YR024HR	smf-3a	13.39
003YR024HR	smf-3b	12.85
003YR072HR	smf-1a	13.33
003YR072HR	smf-1b	14.36
003YR072HR	smf-2a	13.15
003YR072HR	smf-2b	12.85
003YR072HR	smf-2c	13.15
003YR072HR	smf-3a	13.34
003YR072HR	smf-3b	12.86

Max Stages

Sim	Node Name	Maximum Stage [ft]
005YR001HR	smf-1a	13.10
005YR001HR	smf-1b	14.69
005YR001HR	smf-2a	13.28
005YR001HR	smf-2b	12.64
005YR001HR	smf-2c	12.98
005YR001HR	smf-3a	13.79
005YR001HR	smf-3b	12.77
005YR002HR	smf-1a	13.12
005YR002HR	smf-1b	14.64
005YR002HR	smf-2a	13.26
005YR002HR	smf-2b	12.86
005YR002HR	smf-2c	13.15
005YR002HR	smf-3a	13.71
005YR002HR	smf-3b	12.87
005YR004HR	smf-1a	13.26
005YR004HR	smf-1b	14.52
005YR004HR	smf-2a	13.26
005YR004HR	smf-2b	12.94
005YR004HR	smf-2c	13.26
005YR004HR	smf-3a	13.56
005YR004HR	smf-3b	12.95
005YR008HR	smf-1a	13.31
005YR008HR	smf-1b	14.51
005YR008HR	smf-2a	13.25
005YR008HR	smf-2b	12.90
005YR008HR	smf-2c	13.21
005YR008HR	smf-3a	13.55
005YR008HR	smf-3b	12.91
005YR024HR	smf-1a	13.66
005YR024HR	smf-1b	14.39
005YR024HR	smf-2a	13.16
005YR024HR	smf-2b	12.85
005YR024HR	smf-2c	13.15
005YR024HR	smf-3a	13.39
005YR024HR	smf-3b	12.86
005YR072HR	smf-1a	13.66
005YR072HR	smf-1b	14.37
005YR072HR	smf-2a	13.17
005YR072HR	smf-2b	12.87
005YR072HR	smf-2c	13.17
005YR072HR	smf-3a	13.35
005YR072HR	smf-3b	12.87

Max Stages

Sim	Node Name	Maximum Stage [ft]
010YR001HR	smf-1a	13.20
010YR001HR	smf-1b	14.72
010YR001HR	smf-2a	13.36
010YR001HR	smf-2b	12.88
010YR001HR	smf-2c	13.18
010YR001HR	smf-3a	13.83
010YR001HR	smf-3b	12.89
010YR002HR	smf-1a	13.23
010YR002HR	smf-1b	14.65
010YR002HR	smf-2a	13.32
010YR002HR	smf-2b	12.91
010YR002HR	smf-2c	13.21
010YR002HR	smf-3a	13.74
010YR002HR	smf-3b	12.92
010YR004HR	smf-1a	13.50
010YR004HR	smf-1b	14.54
010YR004HR	smf-2a	13.33
010YR004HR	smf-2b	13.01
010YR004HR	smf-2c	13.32
010YR004HR	smf-3a	13.59
010YR004HR	smf-3b	13.03
010YR008HR	smf-1a	13.57
010YR008HR	smf-1b	14.54
010YR008HR	smf-2a	13.33
010YR008HR	smf-2b	13.02
010YR008HR	smf-2c	13.33
010YR008HR	smf-3a	13.58
010YR008HR	smf-3b	13.04
010YR024HR	smf-1a	13.74
010YR024HR	smf-1b	14.41
010YR024HR	smf-2a	13.20
010YR024HR	smf-2b	12.89
010YR024HR	smf-2c	13.20
010YR024HR	smf-3a	13.41
010YR024HR	smf-3b	12.90
010YR072HR	smf-1a	13.74
010YR072HR	smf-1b	14.37
010YR072HR	smf-2a	13.19
010YR072HR	smf-2b	12.88
010YR072HR	smf-2c	13.18
010YR072HR	smf-3a	13.37
010YR072HR	smf-3b	12.88

Max Stages

Sim	Node Name	Maximum Stage [ft]
025YR001HR	smf-1a	13.36
025YR001HR	smf-1b	14.76
025YR001HR	smf-2a	13.45
025YR001HR	smf-2b	13.03
025YR001HR	smf-2c	13.35
025YR001HR	smf-3a	13.88
025YR001HR	smf-3b	13.05
025YR002HR	smf-1a	13.47
025YR002HR	smf-1b	14.68
025YR002HR	smf-2a	13.40
025YR002HR	smf-2b	13.00
025YR002HR	smf-2c	13.32
025YR002HR	smf-3a	13.78
025YR002HR	smf-3b	13.02
025YR004HR	smf-1a	13.76
025YR004HR	smf-1b	14.57
025YR004HR	smf-2a	13.41
025YR004HR	smf-2b	13.07
025YR004HR	smf-2c	13.40
025YR004HR	smf-3a	13.63
025YR004HR	smf-3b	13.10
025YR008HR	smf-1a	13.81
025YR008HR	smf-1b	14.56
025YR008HR	smf-2a	13.44
025YR008HR	smf-2b	13.10
025YR008HR	smf-2c	13.43
025YR008HR	smf-3a	13.62
025YR008HR	smf-3b	13.14
025YR024HR	smf-1a	13.77
025YR024HR	smf-1b	14.42
025YR024HR	smf-2a	13.25
025YR024HR	smf-2b	12.93
025YR024HR	smf-2c	13.25
025YR024HR	smf-3a	13.43
025YR024HR	smf-3b	12.94
025YR072HR	smf-1a	13.79
025YR072HR	smf-1b	14.39
025YR072HR	smf-2a	13.25
025YR072HR	smf-2b	12.92
025YR072HR	smf-2c	13.25
025YR072HR	smf-3a	13.39
025YR072HR	smf-3b	12.92

Max Stages

Sim	Node Name	Maximum Stage [ft]
050YR001HR	smf-1a	13.49
050YR001HR	smf-1b	14.79
050YR001HR	smf-2a	13.50
050YR001HR	smf-2b	13.13
050YR001HR	smf-2c	13.44
050YR001HR	smf-3a	13.91
050YR001HR	smf-3b	13.17
050YR002HR	smf-1a	13.72
050YR002HR	smf-1b	14.71
050YR002HR	smf-2a	13.47
050YR002HR	smf-2b	13.10
050YR002HR	smf-2c	13.41
050YR002HR	smf-3a	13.81
050YR002HR	smf-3b	13.14
050YR004YR	smf-1a	13.85
050YR004YR	smf-1b	14.59
050YR004YR	smf-2a	13.44
050YR004YR	smf-2b	13.10
050YR004YR	smf-2c	13.43
050YR004YR	smf-3a	13.65
050YR004YR	smf-3b	13.13
050YR008HR	smf-1a	13.87
050YR008HR	smf-1b	14.58
050YR008HR	smf-2a	13.49
050YR008HR	smf-2b	13.15
050YR008HR	smf-2c	13.48
050YR008HR	smf-3a	13.64
050YR008HR	smf-3b	13.19
050YR024HR	smf-1a	13.78
050YR024HR	smf-1b	14.43
050YR024HR	smf-2a	13.26
050YR024HR	smf-2b	12.94
050YR024HR	smf-2c	13.26
050YR024HR	smf-3a	13.44
050YR024HR	smf-3b	12.95
050YR072HR	smf-1a	13.79
050YR072HR	smf-1b	14.40
050YR072HR	smf-2a	13.26
050YR072HR	smf-2b	12.93
050YR072HR	smf-2c	13.26
050YR072HR	smf-3a	13.39
050YR072HR	smf-3b	12.93

Max Stages

Sim	Node Name	Maximum Stage [ft]
100YR001HR	smf-1a	13.70
100YR001HR	smf-1b	14.82
100YR001HR	smf-2a	13.57
100YR001HR	smf-2b	13.23
100YR001HR	smf-2c	13.54
100YR001HR	smf-3a	13.95
100YR001HR	smf-3b	13.30
100YR002HR	smf-1a	13.81
100YR002HR	smf-1b	14.74
100YR002HR	smf-2a	13.52
100YR002HR	smf-2b	13.19
100YR002HR	smf-2c	13.51
100YR002HR	smf-3a	13.85
100YR002HR	smf-3b	13.26
100YR004YR	smf-1a	13.88
100YR004YR	smf-1b	14.60
100YR004YR	smf-2a	13.47
100YR004YR	smf-2b	13.13
100YR004YR	smf-2c	13.46
100YR004YR	smf-3a	13.67
100YR004YR	smf-3b	13.16
100YR008HR	smf-1a	13.95
100YR008HR	smf-1b	14.60
100YR008HR	smf-2a	13.57
100YR008HR	smf-2b	13.21
100YR008HR	smf-2c	13.57
100YR008HR	smf-3a	13.67
100YR008HR	smf-3b	13.25
100YR024HR	smf-1a	13.81
100YR024HR	smf-1b	14.45
100YR024HR	smf-2a	13.31
100YR024HR	smf-2b	12.97
100YR024HR	smf-2c	13.30
100YR024HR	smf-3a	13.46
100YR024HR	smf-3b	12.98
100YR072HR	smf-1a	13.80
100YR072HR	smf-1b	14.41
100YR072HR	smf-2a	13.29
100YR072HR	smf-2b	12.94
100YR072HR	smf-2c	13.28
100YR072HR	smf-3a	13.41
100YR072HR	smf-3b	12.95

Max Stages

Sim	Node Name	Maximum Stage [ft]
MN024HR	smf-1a	13.06
MN024HR	smf-1b	14.60
MN024HR	smf-2a	13.30
MN024HR	smf-2b	12.86
MN024HR	smf-2c	13.17
MN024HR	smf-3a	13.67
MN024HR	smf-3b	12.87

Node Max Conditions [Icpr3]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
pre-1	003YR001HR	0.00	14.00	0.0000	5.28	0.00	0
pre-1	003YR002HR	0.00	14.00	0.0000	3.96	0.00	0
pre-1	003YR004HR	0.00	14.00	0.0000	2.07	0.00	0
pre-1	003YR008HR	0.00	14.00	0.0000	2.10	0.00	0
pre-1	003YR024HR	0.00	14.00	0.0000	0.68	0.00	0
pre-1	003YR072HR	0.00	14.00	0.0000	0.45	0.00	0
pre-1	005YR001HR	0.00	14.00	0.0000	5.79	0.00	0
pre-1	005YR002HR	0.00	14.00	0.0000	4.41	0.00	0
pre-1	005YR004HR	0.00	14.00	0.0000	2.40	0.00	0
pre-1	005YR008HR	0.00	14.00	0.0000	2.36	0.00	0
pre-1	005YR024HR	0.00	14.00	0.0000	0.77	0.00	0
pre-1	005YR072HR	0.00	14.00	0.0000	0.48	0.00	0
pre-1	010YR001HR	0.00	14.00	0.0000	6.56	0.00	0
pre-1	010YR002HR	0.00	14.00	0.0000	5.02	0.00	0
pre-1	010YR004HR	0.00	14.00	0.0000	2.73	0.00	0
pre-1	010YR008HR	0.00	14.00	0.0000	2.78	0.00	0
pre-1	010YR024HR	0.00	14.00	0.0000	0.90	0.00	0
pre-1	010YR072HR	0.00	14.00	0.0000	0.53	0.00	0
pre-1	025YR001HR	0.00	14.00	0.0000	7.83	0.00	0
pre-1	025YR002HR	0.00	14.00	0.0000	5.77	0.00	0
pre-1	025YR004HR	0.00	14.00	0.0000	3.13	0.00	0
pre-1	025YR008HR	0.00	14.00	0.0000	3.10	0.00	0
pre-1	025YR024HR	0.00	14.00	0.0000	1.02	0.00	0
pre-1	025YR072HR	0.00	14.00	0.0000	0.66	0.00	0
pre-1	050YR001HR	0.00	14.00	0.0000	8.85	0.00	0
pre-1	050YR002HR	0.00	14.00	0.0000	6.67	0.00	0
pre-1	050YR004YR	0.00	14.00	0.0000	3.52	0.00	0
pre-1	050YR008HR	0.00	14.00	0.0000	3.52	0.00	0
pre-1	050YR024HR	0.00	14.00	0.0000	1.15	0.00	0
pre-1	050YR072HR	0.00	14.00	0.0000	0.72	0.00	0
pre-1	100YR001HR	0.00	14.00	0.0000	9.86	0.00	0
pre-1	100YR002HR	0.00	14.00	0.0000	7.41	0.00	0
pre-1	100YR004YR	0.00	14.00	0.0000	3.98	0.00	0
pre-1	100YR008HR	0.00	14.00	0.0000	3.78	0.00	0
pre-1	100YR024HR	0.00	14.00	0.0000	1.34	0.00	0
pre-1	100YR072HR	0.00	14.00	0.0000	0.83	0.00	0
pre-1	MN024HR	0.00	14.00	0.0000	3.92	0.00	0

Node Max Conditions w/ Times [Icpr3]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage	Time to Max Total Inflow	Time to Max Total Outflow
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Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
pre-1	003YR0 01HR	0.00	14.00	0.0000	5.28	0.00	0	0.0000	0.0000	0.6000	0.0000
pre-1	003YR0 02HR	0.00	14.00	0.0000	3.96	0.00	0	0.0000	0.0000	0.8000	0.0000
pre-1	003YR0 04HR	0.00	14.00	0.0000	2.07	0.00	0	0.0000	0.0000	2.0167	0.0000
pre-1	003YR0 08HR	0.00	14.00	0.0000	2.10	0.00	0	0.0000	0.0000	4.0002	0.0000
pre-1	003YR0 24HR	0.00	14.00	0.0000	0.68	0.00	0	0.0000	0.0000	11.9983	0.0000
pre-1	003YR0 72HR	0.00	14.00	0.0000	0.45	0.00	0	0.0000	0.0000	59.9154	0.0000
pre-1	005YR0 01HR	0.00	14.00	0.0000	5.79	0.00	0	0.0000	0.0000	0.5834	0.0000
pre-1	005YR0 02HR	0.00	14.00	0.0000	4.41	0.00	0	0.0000	0.0000	0.8000	0.0000
pre-1	005YR0 04HR	0.00	14.00	0.0000	2.40	0.00	0	0.0000	0.0000	2.0168	0.0000
pre-1	005YR0 08HR	0.00	14.00	0.0000	2.36	0.00	0	0.0000	0.0000	3.9998	0.0000
pre-1	005YR0 24HR	0.00	14.00	0.0000	0.77	0.00	0	0.0000	0.0000	11.9987	0.0000
pre-1	005YR0 72HR	0.00	14.00	0.0000	0.48	0.00	0	0.0000	0.0000	59.9149	0.0000
pre-1	010YR0 01HR	0.00	14.00	0.0000	6.56	0.00	0	0.0000	0.0000	0.5833	0.0000
pre-1	010YR0 02HR	0.00	14.00	0.0000	5.02	0.00	0	0.0000	0.0000	0.8001	0.0000
pre-1	010YR0 04HR	0.00	14.00	0.0000	2.73	0.00	0	0.0000	0.0000	2.0167	0.0000
pre-1	010YR0 08HR	0.00	14.00	0.0000	2.78	0.00	0	0.0000	0.0000	3.9992	0.0000
pre-1	010YR0 24HR	0.00	14.00	0.0000	0.90	0.00	0	0.0000	0.0000	11.9998	0.0000
pre-1	010YR0 72HR	0.00	14.00	0.0000	0.53	0.00	0	0.0000	0.0000	59.9162	0.0000
pre-1	025YR0 01HR	0.00	14.00	0.0000	7.83	0.00	0	0.0000	0.0000	0.5833	0.0000
pre-1	025YR0 02HR	0.00	14.00	0.0000	5.77	0.00	0	0.0000	0.0000	0.8000	0.0000
pre-1	025YR0 04HR	0.00	14.00	0.0000	3.13	0.00	0	0.0000	0.0000	2.0164	0.0000
pre-1	025YR0 08HR	0.00	14.00	0.0000	3.10	0.00	0	0.0000	0.0000	4.0000	0.0000
pre-1	025YR0	0.00	14.00	0.0000	1.02	0.00	0	0.0000	0.0000	11.9988	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24HR										
pre-1	025YR0 72HR	0.00	14.00	0.0000	0.66	0.00	0	0.0000	0.0000	59.9153	0.0000
pre-1	050YR0 01HR	0.00	14.00	0.0000	8.85	0.00	0	0.0000	0.0000	0.5833	0.0000
pre-1	050YR0 02HR	0.00	14.00	0.0000	6.67	0.00	0	0.0000	0.0000	0.7999	0.0000
pre-1	050YR0 04YR	0.00	14.00	0.0000	3.52	0.00	0	0.0000	0.0000	2.0166	0.0000
pre-1	050YR0 08HR	0.00	14.00	0.0000	3.52	0.00	0	0.0000	0.0000	3.9985	0.0000
pre-1	050YR0 24HR	0.00	14.00	0.0000	1.15	0.00	0	0.0000	0.0000	11.9961	0.0000
pre-1	050YR0 72HR	0.00	14.00	0.0000	0.72	0.00	0	0.0000	0.0000	59.9166	0.0000
pre-1	100YR0 01HR	0.00	14.00	0.0000	9.86	0.00	0	0.0000	0.0000	0.5833	0.0000
pre-1	100YR0 02HR	0.00	14.00	0.0000	7.41	0.00	0	0.0000	0.0000	0.8000	0.0000
pre-1	100YR0 04YR	0.00	14.00	0.0000	3.98	0.00	0	0.0000	0.0000	2.0000	0.0000
pre-1	100YR0 08HR	0.00	14.00	0.0000	3.78	0.00	0	0.0000	0.0000	3.9993	0.0000
pre-1	100YR0 24HR	0.00	14.00	0.0000	1.34	0.00	0	0.0000	0.0000	11.9977	0.0000
pre-1	100YR0 72HR	0.00	14.00	0.0000	0.83	0.00	0	0.0000	0.0000	59.9124	0.0000
pre-1	MN024H R	0.00	14.00	0.0000	3.92	0.00	0	0.0000	0.0000	12.0166	0.0000

Peak Discharge

Sim	Link Name	Maximum Flow Rate [cfs]	Time to Maximum Flow Rate [hrs]
003YR001HR	ds-2	0.00	0.0000
003YR002HR	ds-2	0.00	0.0000
003YR004HR	ds-2	0.35	3.1818
003YR008HR	ds-2	0.40	5.0824
003YR024HR	ds-2	0.24	15.0904
003YR072HR	ds-2	0.26	60.0798
005YR001HR	ds-2	0.00	0.0000
005YR002HR	ds-2	0.30	1.7114
005YR004HR	ds-2	0.78	3.0684
005YR008HR	ds-2	0.53	4.2860
005YR024HR	ds-2	0.27	15.0735
005YR072HR	ds-2	0.33	59.5825
010YR001HR	ds-2	0.39	0.9749
010YR002HR	ds-2	0.56	1.4584
010YR004HR	ds-2	1.28	2.6319
010YR008HR	ds-2	1.41	4.1035
010YR024HR	ds-2	0.47	12.1225
010YR072HR	ds-2	0.39	59.8328
025YR001HR	ds-2	1.48	0.9353
025YR002HR	ds-2	1.23	1.1696
025YR004HR	ds-2	1.85	2.5887
025YR008HR	ds-2	2.17	4.0700
025YR024HR	ds-2	0.70	12.0597
025YR072HR	ds-2	0.63	59.7396
050YR001HR	ds-2	2.37	0.8887
050YR002HR	ds-2	2.11	1.0668
050YR004YR	ds-2	2.14	2.5735
050YR008HR	ds-2	2.57	4.0714
050YR024HR	ds-2	0.78	12.0748
050YR072HR	ds-2	0.69	59.9842
100YR001HR	ds-2	3.54	0.8365
100YR002HR	ds-2	3.08	0.9958
100YR004YR	ds-2	2.39	2.5475
100YR008HR	ds-2	3.22	4.0790
100YR024HR	ds-2	0.97	12.1087
100YR072HR	ds-2	0.80	59.2680
MN024HR	ds-2	0.31	12.6464

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR001HR	smf-1a	10.5030	12.51
003YR001HR	smf-1a	10.7530	12.50
003YR001HR	smf-1a	11.0030	12.50
003YR001HR	smf-1a	11.2530	12.49
003YR001HR	smf-1a	11.5030	12.49
003YR001HR	smf-1a	11.7530	12.48
003YR001HR	smf-1a	12.0030	12.48
003YR001HR	smf-1a	12.2530	12.48
003YR001HR	smf-1a	12.5030	12.47
003YR001HR	smf-1a	12.7530	12.47
003YR001HR	smf-1a	13.0030	12.46
003YR001HR	smf-1a	13.2530	12.46
003YR001HR	smf-1a	13.5030	12.46
003YR001HR	smf-1a	13.7530	12.45
003YR001HR	smf-1a	14.0030	12.45
003YR001HR	smf-1a	14.2530	12.45
003YR001HR	smf-1a	14.5030	12.45
003YR001HR	smf-1a	14.7530	12.45
003YR001HR	smf-1a	15.0030	12.45
003YR001HR	smf-1a	15.2530	12.45
003YR001HR	smf-1a	15.5030	12.45
003YR001HR	smf-1a	15.7530	12.45
003YR001HR	smf-1a	16.0030	12.45
003YR001HR	smf-1a	16.2530	12.45
003YR001HR	smf-1a	16.5030	12.45
003YR001HR	smf-1a	16.7530	12.45
003YR001HR	smf-1a	17.0030	12.45
003YR001HR	smf-1a	17.2530	12.45
003YR001HR	smf-1a	17.5030	12.45
003YR001HR	smf-1a	17.7530	12.45
003YR001HR	smf-1a	18.0030	12.45
003YR001HR	smf-1a	18.2530	12.45
003YR001HR	smf-1a	18.5030	12.45
003YR001HR	smf-1a	18.7530	12.45
003YR001HR	smf-1a	19.0030	12.45
003YR001HR	smf-1a	19.2530	12.45
003YR001HR	smf-1a	19.5030	12.45
003YR001HR	smf-1a	19.7530	12.45
003YR001HR	smf-1a	20.0030	12.45
003YR001HR	smf-1a	20.2530	12.45
003YR001HR	smf-1a	20.5030	12.45
003YR001HR	smf-1a	20.7530	12.45

3yr-1hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR001HR	smf-1b	45.2530	13.06
003YR001HR	smf-1b	45.5030	13.05
003YR001HR	smf-1b	45.7530	13.05
003YR001HR	smf-1b	46.0030	13.05
003YR001HR	smf-1b	46.2530	13.05
003YR001HR	smf-1b	46.5030	13.05
003YR001HR	smf-1b	46.7530	13.04
003YR001HR	smf-1b	47.0030	13.04
003YR001HR	smf-1b	47.2530	13.04
003YR001HR	smf-1b	47.5030	13.04
003YR001HR	smf-1b	47.7530	13.03
003YR001HR	smf-1b	48.0030	13.03
003YR001HR	smf-1b	48.2530	13.03
003YR001HR	smf-1b	48.5030	13.03
003YR001HR	smf-1b	48.7530	13.03
003YR001HR	smf-1b	49.0030	13.03
003YR001HR	smf-1b	49.2530	13.02
003YR001HR	smf-1b	49.5030	13.02
003YR001HR	smf-1b	49.7530	13.02
003YR001HR	smf-1b	50.0030	13.02
003YR001HR	smf-1b	50.2530	13.02
003YR001HR	smf-1b	50.5030	13.01
003YR001HR	smf-1b	50.7530	13.01
003YR001HR	smf-1b	51.0030	13.01
003YR001HR	smf-1b	51.2530	13.01
003YR001HR	smf-1b	51.5030	13.01
003YR001HR	smf-1b	51.7530	13.00
003YR001HR	smf-1b	52.0030	13.00
003YR001HR	smf-1b	52.2530	13.00
003YR001HR	smf-1b	52.5030	13.00
003YR001HR	smf-1b	52.7530	13.00
003YR001HR	smf-1b	53.0030	13.00
003YR001HR	smf-1b	53.2530	13.00
003YR001HR	smf-1b	53.5030	13.00
003YR001HR	smf-1b	53.7530	13.00
003YR001HR	smf-1b	54.0030	13.00
003YR001HR	smf-1b	54.2530	13.00
003YR001HR	smf-1b	54.5030	13.00
003YR001HR	smf-1b	54.7530	13.00
003YR001HR	smf-1b	55.0030	13.00
003YR001HR	smf-1b	55.2530	13.00
003YR001HR	smf-1b	55.5030	13.00

3yr-1hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR001HR	smf-2a	80.0030	12.13
003YR001HR	smf-2a	80.2530	12.13
003YR001HR	smf-2a	80.5030	12.13
003YR001HR	smf-2a	80.7530	12.13
003YR001HR	smf-2a	81.0030	12.13
003YR001HR	smf-2a	81.2530	12.13
003YR001HR	smf-2a	81.5030	12.13
003YR001HR	smf-2a	81.7530	12.13
003YR001HR	smf-2a	82.0030	12.12
003YR001HR	smf-2a	82.2530	12.12
003YR001HR	smf-2a	82.5030	12.12
003YR001HR	smf-2a	82.7530	12.12
003YR001HR	smf-2a	83.0030	12.12
003YR001HR	smf-2a	83.2530	12.12
003YR001HR	smf-2a	83.5030	12.12
003YR001HR	smf-2a	83.7530	12.12
003YR001HR	smf-2a	84.0030	12.12
003YR001HR	smf-2a	84.2530	12.12
003YR001HR	smf-2a	84.5030	12.12
003YR001HR	smf-2a	84.7530	12.12
003YR001HR	smf-2a	85.0030	12.11
003YR001HR	smf-2a	85.2530	12.11
003YR001HR	smf-2a	85.5030	12.11
003YR001HR	smf-2a	85.7530	12.11
003YR001HR	smf-2a	86.0030	12.11
003YR001HR	smf-2a	86.2530	12.11
003YR001HR	smf-2a	86.5030	12.11
003YR001HR	smf-2a	86.7530	12.11
003YR001HR	smf-2a	87.0030	12.11
003YR001HR	smf-2a	87.2530	12.11
003YR001HR	smf-2a	87.5030	12.11
003YR001HR	smf-2a	87.7530	12.11
003YR001HR	smf-2a	88.0030	12.10
003YR001HR	smf-2a	88.2530	12.10
003YR001HR	smf-2a	88.5030	12.10
003YR001HR	smf-2a	88.7530	12.10
003YR001HR	smf-2a	89.0030	12.10
003YR001HR	smf-2a	89.2530	12.10
003YR001HR	smf-2a	89.5030	12.10
003YR001HR	smf-2a	89.7530	12.10
003YR001HR	smf-2a	90.0030	12.10
003YR001HR	smf-2a	90.2530	12.10

3yr-1hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR001HR	smf-2b	30.7530	11.40
003YR001HR	smf-2b	31.0030	11.40
003YR001HR	smf-2b	31.2530	11.40
003YR001HR	smf-2b	31.5030	11.40
003YR001HR	smf-2b	31.7530	11.40
003YR001HR	smf-2b	32.0030	11.40
003YR001HR	smf-2b	32.2530	11.40
003YR001HR	smf-2b	32.5030	11.40
003YR001HR	smf-2b	32.7530	11.40
003YR001HR	smf-2b	33.0030	11.40
003YR001HR	smf-2b	33.2530	11.40
003YR001HR	smf-2b	33.5030	11.40
003YR001HR	smf-2b	33.7530	11.40
003YR001HR	smf-2b	34.0030	11.40
003YR001HR	smf-2b	34.2530	11.40
003YR001HR	smf-2b	34.5030	11.40
003YR001HR	smf-2b	34.7530	11.40
003YR001HR	smf-2b	35.0030	11.40
003YR001HR	smf-2b	35.2530	11.40
003YR001HR	smf-2b	35.5030	11.40
003YR001HR	smf-2b	35.7530	11.40
003YR001HR	smf-2b	36.0030	11.40
003YR001HR	smf-2b	36.2530	11.40
003YR001HR	smf-2b	36.5030	11.40
003YR001HR	smf-2b	36.7530	11.40
003YR001HR	smf-2b	37.0030	11.40
003YR001HR	smf-2b	37.2530	11.40
003YR001HR	smf-2b	37.5030	11.40
003YR001HR	smf-2b	37.7530	11.40
003YR001HR	smf-2b	38.0030	11.40
003YR001HR	smf-2b	38.2530	11.40
003YR001HR	smf-2b	38.5030	11.40
003YR001HR	smf-2b	38.7530	11.40
003YR001HR	smf-2b	39.0030	11.40
003YR001HR	smf-2b	39.2530	11.40
003YR001HR	smf-2b	39.5030	11.40
003YR001HR	smf-2b	39.7530	11.40
003YR001HR	smf-2b	40.0030	11.40
003YR001HR	smf-2b	40.2530	11.40
003YR001HR	smf-2b	40.5030	11.40
003YR001HR	smf-2b	40.7530	11.40
003YR001HR	smf-2b	41.0030	11.40

3yr-1hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR001HR	smf-2c	34.0030	11.93
003YR001HR	smf-2c	34.2530	11.93
003YR001HR	smf-2c	34.5030	11.93
003YR001HR	smf-2c	34.7530	11.93
003YR001HR	smf-2c	35.0030	11.92
003YR001HR	smf-2c	35.2530	11.92
003YR001HR	smf-2c	35.5030	11.92
003YR001HR	smf-2c	35.7530	11.92
003YR001HR	smf-2c	36.0030	11.91
003YR001HR	smf-2c	36.2530	11.91
003YR001HR	smf-2c	36.5030	11.91
003YR001HR	smf-2c	36.7530	11.91
003YR001HR	smf-2c	37.0030	11.91
003YR001HR	smf-2c	37.2530	11.90
003YR001HR	smf-2c	37.5030	11.90
003YR001HR	smf-2c	37.7530	11.90
003YR001HR	smf-2c	38.0030	11.90
003YR001HR	smf-2c	38.2530	11.89
003YR001HR	smf-2c	38.5030	11.89
003YR001HR	smf-2c	38.7530	11.89
003YR001HR	smf-2c	39.0030	11.89
003YR001HR	smf-2c	39.2530	11.89
003YR001HR	smf-2c	39.5030	11.88
003YR001HR	smf-2c	39.7530	11.88
003YR001HR	smf-2c	40.0030	11.88
003YR001HR	smf-2c	40.2530	11.88
003YR001HR	smf-2c	40.5030	11.88
003YR001HR	smf-2c	40.7530	11.87
003YR001HR	smf-2c	41.0030	11.87
003YR001HR	smf-2c	41.2530	11.87
003YR001HR	smf-2c	41.5030	11.87
003YR001HR	smf-2c	41.7530	11.87
003YR001HR	smf-2c	42.0030	11.87
003YR001HR	smf-2c	42.2530	11.86
003YR001HR	smf-2c	42.5030	11.86
003YR001HR	smf-2c	42.7530	11.86
003YR001HR	smf-2c	43.0030	11.86
003YR001HR	smf-2c	43.2530	11.86
003YR001HR	smf-2c	43.5030	11.85
003YR001HR	smf-2c	43.7530	11.85
003YR001HR	smf-2c	44.0030	11.85
003YR001HR	smf-2c	44.2530	11.85

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR001HR	smf-3a	79.2530	11.94
003YR001HR	smf-3a	79.5030	11.94
003YR001HR	smf-3a	79.7530	11.94
003YR001HR	smf-3a	80.0030	11.94
003YR001HR	smf-3a	80.2530	11.94
003YR001HR	smf-3a	80.5030	11.94
003YR001HR	smf-3a	80.7530	11.94
003YR001HR	smf-3a	81.0030	11.94
003YR001HR	smf-3a	81.2530	11.93
003YR001HR	smf-3a	81.5030	11.93
003YR001HR	smf-3a	81.7530	11.93
003YR001HR	smf-3a	82.0030	11.93
003YR001HR	smf-3a	82.2530	11.93
003YR001HR	smf-3a	82.5030	11.93
003YR001HR	smf-3a	82.7530	11.93
003YR001HR	smf-3a	83.0030	11.93
003YR001HR	smf-3a	83.2530	11.93
003YR001HR	smf-3a	83.5030	11.92
003YR001HR	smf-3a	83.7530	11.92
003YR001HR	smf-3a	84.0030	11.92
003YR001HR	smf-3a	84.2530	11.92
003YR001HR	smf-3a	84.5030	11.92
003YR001HR	smf-3a	84.7530	11.92
003YR001HR	smf-3a	85.0030	11.92
003YR001HR	smf-3a	85.2530	11.92
003YR001HR	smf-3a	85.5030	11.92
003YR001HR	smf-3a	85.7530	11.91
003YR001HR	smf-3a	86.0030	11.91
003YR001HR	smf-3a	86.2530	11.91
003YR001HR	smf-3a	86.5030	11.91
003YR001HR	smf-3a	86.7530	11.91
003YR001HR	smf-3a	87.0030	11.91
003YR001HR	smf-3a	87.2530	11.91
003YR001HR	smf-3a	87.5030	11.91
003YR001HR	smf-3a	87.7530	11.91
003YR001HR	smf-3a	88.0030	11.90
003YR001HR	smf-3a	88.2530	11.90
003YR001HR	smf-3a	88.5030	11.90
003YR001HR	smf-3a	88.7530	11.90
003YR001HR	smf-3a	89.0030	11.90
003YR001HR	smf-3a	89.2530	11.90
003YR001HR	smf-3a	89.5030	11.90

3yr-1hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR001HR	smf-3b	61.5030	11.30
003YR001HR	smf-3b	61.7530	11.30
003YR001HR	smf-3b	62.0030	11.29
003YR001HR	smf-3b	62.2530	11.29
003YR001HR	smf-3b	62.5030	11.29
003YR001HR	smf-3b	62.7530	11.29
003YR001HR	smf-3b	63.0030	11.29
003YR001HR	smf-3b	63.2530	11.29
003YR001HR	smf-3b	63.5030	11.29
003YR001HR	smf-3b	63.7530	11.28
003YR001HR	smf-3b	64.0030	11.28
003YR001HR	smf-3b	64.2530	11.28
003YR001HR	smf-3b	64.5030	11.28
003YR001HR	smf-3b	64.7530	11.28
003YR001HR	smf-3b	65.0030	11.28
003YR001HR	smf-3b	65.2530	11.28
003YR001HR	smf-3b	65.5030	11.27
003YR001HR	smf-3b	65.7530	11.27
003YR001HR	smf-3b	66.0030	11.27
003YR001HR	smf-3b	66.2530	11.27
003YR001HR	smf-3b	66.5030	11.27
003YR001HR	smf-3b	66.7530	11.27
003YR001HR	smf-3b	67.0030	11.27
003YR001HR	smf-3b	67.2530	11.27
003YR001HR	smf-3b	67.5030	11.26
003YR001HR	smf-3b	67.7530	11.26
003YR001HR	smf-3b	68.0030	11.26
003YR001HR	smf-3b	68.2530	11.26
003YR001HR	smf-3b	68.5030	11.26
003YR001HR	smf-3b	68.7530	11.26
003YR001HR	smf-3b	69.0030	11.26
003YR001HR	smf-3b	69.2530	11.25
003YR001HR	smf-3b	69.5030	11.25
003YR001HR	smf-3b	69.7530	11.25
003YR001HR	smf-3b	70.0030	11.25
003YR001HR	smf-3b	70.2530	11.25
003YR001HR	smf-3b	70.5030	11.25
003YR001HR	smf-3b	70.7530	11.25
003YR001HR	smf-3b	71.0030	11.25
003YR001HR	smf-3b	71.2530	11.25
003YR001HR	smf-3b	71.5030	11.25
003YR001HR	smf-3b	71.7530	11.25

3yr-1hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR002HR	smf-1a	22.7562	12.48
003YR002HR	smf-1a	23.0062	12.48
003YR002HR	smf-1a	23.2562	12.47
003YR002HR	smf-1a	23.5062	12.47
003YR002HR	smf-1a	23.7562	12.47
003YR002HR	smf-1a	24.0062	12.47
003YR002HR	smf-1a	24.2562	12.46
003YR002HR	smf-1a	24.5062	12.46
003YR002HR	smf-1a	24.7562	12.46
003YR002HR	smf-1a	25.0062	12.46
003YR002HR	smf-1a	25.2562	12.46
003YR002HR	smf-1a	25.5062	12.45
003YR002HR	smf-1a	25.7562	12.45
003YR002HR	smf-1a	26.0062	12.45
003YR002HR	smf-1a	26.2562	12.45
003YR002HR	smf-1a	26.5062	12.45
003YR002HR	smf-1a	26.7562	12.45
003YR002HR	smf-1a	27.0062	12.45
003YR002HR	smf-1a	27.2562	12.45
003YR002HR	smf-1a	27.5062	12.45
003YR002HR	smf-1a	27.7562	12.45
003YR002HR	smf-1a	28.0062	12.45
003YR002HR	smf-1a	28.2562	12.45
003YR002HR	smf-1a	28.5062	12.45
003YR002HR	smf-1a	28.7562	12.45
003YR002HR	smf-1a	29.0062	12.45
003YR002HR	smf-1a	29.2562	12.45
003YR002HR	smf-1a	29.5062	12.45
003YR002HR	smf-1a	29.7562	12.45
003YR002HR	smf-1a	30.0062	12.45
003YR002HR	smf-1a	30.2562	12.45
003YR002HR	smf-1a	30.5062	12.45
003YR002HR	smf-1a	30.7562	12.45
003YR002HR	smf-1a	31.0062	12.45
003YR002HR	smf-1a	31.2562	12.45
003YR002HR	smf-1a	31.5062	12.45
003YR002HR	smf-1a	31.7562	12.45
003YR002HR	smf-1a	32.0062	12.45
003YR002HR	smf-1a	32.2562	12.45
003YR002HR	smf-1a	32.5062	12.45
003YR002HR	smf-1a	32.7562	12.45
003YR002HR	smf-1a	33.0062	12.45

3yr-2hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR002HR	smf-1b	56.5062	13.07
003YR002HR	smf-1b	56.7562	13.07
003YR002HR	smf-1b	57.0062	13.06
003YR002HR	smf-1b	57.2562	13.06
003YR002HR	smf-1b	57.5062	13.06
003YR002HR	smf-1b	57.7562	13.06
003YR002HR	smf-1b	58.0062	13.06
003YR002HR	smf-1b	58.2562	13.06
003YR002HR	smf-1b	58.5062	13.05
003YR002HR	smf-1b	58.7562	13.05
003YR002HR	smf-1b	59.0062	13.05
003YR002HR	smf-1b	59.2562	13.05
003YR002HR	smf-1b	59.5062	13.05
003YR002HR	smf-1b	59.7562	13.04
003YR002HR	smf-1b	60.0062	13.04
003YR002HR	smf-1b	60.2562	13.04
003YR002HR	smf-1b	60.5062	13.04
003YR002HR	smf-1b	60.7562	13.04
003YR002HR	smf-1b	61.0062	13.04
003YR002HR	smf-1b	61.2562	13.03
003YR002HR	smf-1b	61.5062	13.03
003YR002HR	smf-1b	61.7562	13.03
003YR002HR	smf-1b	62.0062	13.03
003YR002HR	smf-1b	62.2562	13.03
003YR002HR	smf-1b	62.5062	13.03
003YR002HR	smf-1b	62.7562	13.02
003YR002HR	smf-1b	63.0062	13.02
003YR002HR	smf-1b	63.2562	13.02
003YR002HR	smf-1b	63.5062	13.02
003YR002HR	smf-1b	63.7562	13.02
003YR002HR	smf-1b	64.0062	13.02
003YR002HR	smf-1b	64.2562	13.02
003YR002HR	smf-1b	64.5062	13.01
003YR002HR	smf-1b	64.7562	13.01
003YR002HR	smf-1b	65.0062	13.01
003YR002HR	smf-1b	65.2562	13.01
003YR002HR	smf-1b	65.5062	13.01
003YR002HR	smf-1b	65.7562	13.01
003YR002HR	smf-1b	66.0062	13.01
003YR002HR	smf-1b	66.2562	13.00
003YR002HR	smf-1b	66.5062	13.00
003YR002HR	smf-1b	66.7562	13.00

3yr-2hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR002HR	smf-2a	100.7562	12.13
003YR002HR	smf-2a	101.0062	12.13
003YR002HR	smf-2a	101.2562	12.13
003YR002HR	smf-2a	101.5062	12.13
003YR002HR	smf-2a	101.7562	12.13
003YR002HR	smf-2a	102.0062	12.12
003YR002HR	smf-2a	102.2562	12.12
003YR002HR	smf-2a	102.5062	12.12
003YR002HR	smf-2a	102.7562	12.12
003YR002HR	smf-2a	103.0062	12.12
003YR002HR	smf-2a	103.2562	12.12
003YR002HR	smf-2a	103.5062	12.12
003YR002HR	smf-2a	103.7562	12.12
003YR002HR	smf-2a	104.0062	12.12
003YR002HR	smf-2a	104.2562	12.12
003YR002HR	smf-2a	104.5062	12.12
003YR002HR	smf-2a	104.7562	12.12
003YR002HR	smf-2a	105.0062	12.12
003YR002HR	smf-2a	105.2562	12.12
003YR002HR	smf-2a	105.5062	12.11
003YR002HR	smf-2a	105.7562	12.11
003YR002HR	smf-2a	106.0062	12.11
003YR002HR	smf-2a	106.2562	12.11
003YR002HR	smf-2a	106.5062	12.11
003YR002HR	smf-2a	106.7562	12.11
003YR002HR	smf-2a	107.0062	12.11
003YR002HR	smf-2a	107.2562	12.11
003YR002HR	smf-2a	107.5062	12.11
003YR002HR	smf-2a	107.7562	12.11
003YR002HR	smf-2a	108.0062	12.11
003YR002HR	smf-2a	108.2562	12.11
003YR002HR	smf-2a	108.5062	12.11
003YR002HR	smf-2a	108.7562	12.11
003YR002HR	smf-2a	109.0062	12.10
003YR002HR	smf-2a	109.2562	12.10
003YR002HR	smf-2a	109.5062	12.10
003YR002HR	smf-2a	109.7562	12.10
003YR002HR	smf-2a	110.0062	12.10
003YR002HR	smf-2a	110.2562	12.10
003YR002HR	smf-2a	110.5062	12.10
003YR002HR	smf-2a	110.7562	12.10
003YR002HR	smf-2a	111.0062	12.10

3yr-2hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR002HR	smf-2b	61.0062	11.44
003YR002HR	smf-2b	61.2562	11.43
003YR002HR	smf-2b	61.5062	11.43
003YR002HR	smf-2b	61.7562	11.43
003YR002HR	smf-2b	62.0062	11.43
003YR002HR	smf-2b	62.2562	11.43
003YR002HR	smf-2b	62.5062	11.43
003YR002HR	smf-2b	62.7562	11.42
003YR002HR	smf-2b	63.0062	11.42
003YR002HR	smf-2b	63.2562	11.42
003YR002HR	smf-2b	63.5062	11.42
003YR002HR	smf-2b	63.7562	11.42
003YR002HR	smf-2b	64.0062	11.42
003YR002HR	smf-2b	64.2562	11.42
003YR002HR	smf-2b	64.5062	11.41
003YR002HR	smf-2b	64.7562	11.41
003YR002HR	smf-2b	65.0062	11.41
003YR002HR	smf-2b	65.2562	11.41
003YR002HR	smf-2b	65.5062	11.41
003YR002HR	smf-2b	65.7562	11.41
003YR002HR	smf-2b	66.0062	11.41
003YR002HR	smf-2b	66.2562	11.40
003YR002HR	smf-2b	66.5062	11.40
003YR002HR	smf-2b	66.7562	11.40
003YR002HR	smf-2b	67.0062	11.40
003YR002HR	smf-2b	67.2562	11.40
003YR002HR	smf-2b	67.5062	11.40
003YR002HR	smf-2b	67.7562	11.40
003YR002HR	smf-2b	68.0062	11.40
003YR002HR	smf-2b	68.2562	11.40
003YR002HR	smf-2b	68.5062	11.40
003YR002HR	smf-2b	68.7562	11.40
003YR002HR	smf-2b	69.0062	11.40
003YR002HR	smf-2b	69.2562	11.40
003YR002HR	smf-2b	69.5062	11.40
003YR002HR	smf-2b	69.7562	11.40
003YR002HR	smf-2b	70.0062	11.40
003YR002HR	smf-2b	70.2562	11.40
003YR002HR	smf-2b	70.5062	11.40
003YR002HR	smf-2b	70.7562	11.40
003YR002HR	smf-2b	71.0062	11.40
003YR002HR	smf-2b	71.2562	11.40

3yr-2hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR002HR	smf-2c	84.2562	11.89
003YR002HR	smf-2c	84.5062	11.89
003YR002HR	smf-2c	84.7562	11.89
003YR002HR	smf-2c	85.0062	11.89
003YR002HR	smf-2c	85.2562	11.89
003YR002HR	smf-2c	85.5062	11.89
003YR002HR	smf-2c	85.7562	11.88
003YR002HR	smf-2c	86.0062	11.88
003YR002HR	smf-2c	86.2562	11.88
003YR002HR	smf-2c	86.5062	11.88
003YR002HR	smf-2c	86.7562	11.88
003YR002HR	smf-2c	87.0062	11.88
003YR002HR	smf-2c	87.2562	11.88
003YR002HR	smf-2c	87.5062	11.88
003YR002HR	smf-2c	87.7562	11.88
003YR002HR	smf-2c	88.0062	11.87
003YR002HR	smf-2c	88.2562	11.87
003YR002HR	smf-2c	88.5062	11.87
003YR002HR	smf-2c	88.7562	11.87
003YR002HR	smf-2c	89.0062	11.87
003YR002HR	smf-2c	89.2562	11.87
003YR002HR	smf-2c	89.5062	11.87
003YR002HR	smf-2c	89.7562	11.87
003YR002HR	smf-2c	90.0062	11.87
003YR002HR	smf-2c	90.2562	11.87
003YR002HR	smf-2c	90.5062	11.86
003YR002HR	smf-2c	90.7562	11.86
003YR002HR	smf-2c	91.0062	11.86
003YR002HR	smf-2c	91.2562	11.86
003YR002HR	smf-2c	91.5062	11.86
003YR002HR	smf-2c	91.7562	11.86
003YR002HR	smf-2c	92.0062	11.86
003YR002HR	smf-2c	92.2562	11.86
003YR002HR	smf-2c	92.5062	11.86
003YR002HR	smf-2c	92.7562	11.86
003YR002HR	smf-2c	93.0062	11.85
003YR002HR	smf-2c	93.2562	11.85
003YR002HR	smf-2c	93.5062	11.85
003YR002HR	smf-2c	93.7562	11.85
003YR002HR	smf-2c	94.0062	11.85
003YR002HR	smf-2c	94.2562	11.85
003YR002HR	smf-2c	94.5062	11.85

3yr-2hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR002HR	smf-3a	97.0062	11.94
003YR002HR	smf-3a	97.2562	11.94
003YR002HR	smf-3a	97.5062	11.94
003YR002HR	smf-3a	97.7562	11.94
003YR002HR	smf-3a	98.0062	11.94
003YR002HR	smf-3a	98.2562	11.94
003YR002HR	smf-3a	98.5062	11.94
003YR002HR	smf-3a	98.7562	11.94
003YR002HR	smf-3a	99.0062	11.93
003YR002HR	smf-3a	99.2562	11.93
003YR002HR	smf-3a	99.5062	11.93
003YR002HR	smf-3a	99.7562	11.93
003YR002HR	smf-3a	100.0062	11.93
003YR002HR	smf-3a	100.2562	11.93
003YR002HR	smf-3a	100.5062	11.93
003YR002HR	smf-3a	100.7562	11.93
003YR002HR	smf-3a	101.0062	11.93
003YR002HR	smf-3a	101.2562	11.93
003YR002HR	smf-3a	101.5062	11.92
003YR002HR	smf-3a	101.7562	11.92
003YR002HR	smf-3a	102.0062	11.92
003YR002HR	smf-3a	102.2562	11.92
003YR002HR	smf-3a	102.5062	11.92
003YR002HR	smf-3a	102.7562	11.92
003YR002HR	smf-3a	103.0062	11.92
003YR002HR	smf-3a	103.2562	11.92
003YR002HR	smf-3a	103.5062	11.92
003YR002HR	smf-3a	103.7562	11.92
003YR002HR	smf-3a	104.0062	11.92
003YR002HR	smf-3a	104.2562	11.91
003YR002HR	smf-3a	104.5062	11.91
003YR002HR	smf-3a	104.7562	11.91
003YR002HR	smf-3a	105.0062	11.91
003YR002HR	smf-3a	105.2562	11.91
003YR002HR	smf-3a	105.5062	11.91
003YR002HR	smf-3a	105.7562	11.91
003YR002HR	smf-3a	106.0062	11.91
003YR002HR	smf-3a	106.2562	11.91
003YR002HR	smf-3a	106.5062	11.91
003YR002HR	smf-3a	106.7562	11.91
003YR002HR	smf-3a	107.0062	11.90
003YR002HR	smf-3a	107.2562	11.90

3yr-2hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR002HR	smf-3b	99.2562	11.27
003YR002HR	smf-3b	99.5062	11.27
003YR002HR	smf-3b	99.7562	11.27
003YR002HR	smf-3b	100.0062	11.26
003YR002HR	smf-3b	100.2562	11.26
003YR002HR	smf-3b	100.5062	11.26
003YR002HR	smf-3b	100.7562	11.26
003YR002HR	smf-3b	101.0062	11.26
003YR002HR	smf-3b	101.2562	11.26
003YR002HR	smf-3b	101.5062	11.26
003YR002HR	smf-3b	101.7562	11.26
003YR002HR	smf-3b	102.0062	11.26
003YR002HR	smf-3b	102.2562	11.26
003YR002HR	smf-3b	102.5062	11.25
003YR002HR	smf-3b	102.7562	11.25
003YR002HR	smf-3b	103.0062	11.25
003YR002HR	smf-3b	103.2562	11.25
003YR002HR	smf-3b	103.5062	11.25
003YR002HR	smf-3b	103.7562	11.25
003YR002HR	smf-3b	104.0062	11.25
003YR002HR	smf-3b	104.2562	11.25
003YR002HR	smf-3b	104.5062	11.25
003YR002HR	smf-3b	104.7562	11.25
003YR002HR	smf-3b	105.0062	11.25
003YR002HR	smf-3b	105.2562	11.25
003YR002HR	smf-3b	105.5062	11.25
003YR002HR	smf-3b	105.7562	11.25
003YR002HR	smf-3b	106.0062	11.25
003YR002HR	smf-3b	106.2562	11.25
003YR002HR	smf-3b	106.5062	11.25
003YR002HR	smf-3b	106.7562	11.25
003YR002HR	smf-3b	107.0062	11.25
003YR002HR	smf-3b	107.2562	11.25
003YR002HR	smf-3b	107.5062	11.25
003YR002HR	smf-3b	107.7562	11.25
003YR002HR	smf-3b	108.0062	11.25
003YR002HR	smf-3b	108.2562	11.25
003YR002HR	smf-3b	108.5062	11.25
003YR002HR	smf-3b	108.7562	11.25
003YR002HR	smf-3b	109.0062	11.25
003YR002HR	smf-3b	109.2562	11.25
003YR002HR	smf-3b	109.5062	11.25

3yr-2hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR004HR	smf-1a	59.5074	12.49
003YR004HR	smf-1a	59.7574	12.49
003YR004HR	smf-1a	60.0074	12.49
003YR004HR	smf-1a	60.2574	12.49
003YR004HR	smf-1a	60.5074	12.49
003YR004HR	smf-1a	60.7574	12.49
003YR004HR	smf-1a	61.0074	12.48
003YR004HR	smf-1a	61.2574	12.48
003YR004HR	smf-1a	61.5074	12.48
003YR004HR	smf-1a	61.7574	12.48
003YR004HR	smf-1a	62.0074	12.48
003YR004HR	smf-1a	62.2574	12.48
003YR004HR	smf-1a	62.5074	12.48
003YR004HR	smf-1a	62.7574	12.47
003YR004HR	smf-1a	63.0074	12.47
003YR004HR	smf-1a	63.2574	12.47
003YR004HR	smf-1a	63.5074	12.47
003YR004HR	smf-1a	63.7574	12.47
003YR004HR	smf-1a	64.0074	12.47
003YR004HR	smf-1a	64.2574	12.47
003YR004HR	smf-1a	64.5074	12.47
003YR004HR	smf-1a	64.7574	12.47
003YR004HR	smf-1a	65.0074	12.46
003YR004HR	smf-1a	65.2574	12.46
003YR004HR	smf-1a	65.5074	12.46
003YR004HR	smf-1a	65.7574	12.46
003YR004HR	smf-1a	66.0074	12.46
003YR004HR	smf-1a	66.2574	12.46
003YR004HR	smf-1a	66.5074	12.46
003YR004HR	smf-1a	66.7574	12.46
003YR004HR	smf-1a	67.0074	12.45
003YR004HR	smf-1a	67.2574	12.45
003YR004HR	smf-1a	67.5074	12.45
003YR004HR	smf-1a	67.7574	12.45
003YR004HR	smf-1a	68.0074	12.45
003YR004HR	smf-1a	68.2574	12.45
003YR004HR	smf-1a	68.5074	12.45
003YR004HR	smf-1a	68.7574	12.45
003YR004HR	smf-1a	69.0074	12.45
003YR004HR	smf-1a	69.2574	12.45
003YR004HR	smf-1a	69.5074	12.45
003YR004HR	smf-1a	69.7574	12.45

3yr-4hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR004HR	smf-1b	80.7574	13.02
003YR004HR	smf-1b	81.0074	13.02
003YR004HR	smf-1b	81.2574	13.02
003YR004HR	smf-1b	81.5074	13.01
003YR004HR	smf-1b	81.7574	13.01
003YR004HR	smf-1b	82.0074	13.01
003YR004HR	smf-1b	82.2574	13.01
003YR004HR	smf-1b	82.5074	13.01
003YR004HR	smf-1b	82.7574	13.01
003YR004HR	smf-1b	83.0074	13.01
003YR004HR	smf-1b	83.2574	13.01
003YR004HR	smf-1b	83.5074	13.00
003YR004HR	smf-1b	83.7574	13.00
003YR004HR	smf-1b	84.0074	13.00
003YR004HR	smf-1b	84.2574	13.00
003YR004HR	smf-1b	84.5074	13.00
003YR004HR	smf-1b	84.7574	13.00
003YR004HR	smf-1b	85.0074	13.00
003YR004HR	smf-1b	85.2574	13.00
003YR004HR	smf-1b	85.5074	13.00
003YR004HR	smf-1b	85.7574	13.00
003YR004HR	smf-1b	86.0074	13.00
003YR004HR	smf-1b	86.2574	13.00
003YR004HR	smf-1b	86.5074	13.00
003YR004HR	smf-1b	86.7574	13.00
003YR004HR	smf-1b	87.0074	13.00
003YR004HR	smf-1b	87.2574	13.00
003YR004HR	smf-1b	87.5074	13.00
003YR004HR	smf-1b	87.7574	13.00
003YR004HR	smf-1b	88.0074	13.00
003YR004HR	smf-1b	88.2574	13.00
003YR004HR	smf-1b	88.5074	13.00
003YR004HR	smf-1b	88.7574	13.00
003YR004HR	smf-1b	89.0074	13.00
003YR004HR	smf-1b	89.2574	13.00
003YR004HR	smf-1b	89.5074	13.00
003YR004HR	smf-1b	89.7574	13.00
003YR004HR	smf-1b	90.0074	13.00
003YR004HR	smf-1b	90.2574	13.00
003YR004HR	smf-1b	90.5074	13.00
003YR004HR	smf-1b	90.7574	13.00
003YR004HR	smf-1b	91.0074	13.00

3yr-4hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR004HR	smf-2a	144.0074	12.11
003YR004HR	smf-2a	144.2574	12.11
003YR004HR	smf-2a	144.5074	12.11
003YR004HR	smf-2a	144.7574	12.11
003YR004HR	smf-2a	145.0074	12.11
003YR004HR	smf-2a	145.2574	12.11
003YR004HR	smf-2a	145.5074	12.11
003YR004HR	smf-2a	145.7574	12.10
003YR004HR	smf-2a	146.0074	12.10
003YR004HR	smf-2a	146.2574	12.10
003YR004HR	smf-2a	146.5074	12.10
003YR004HR	smf-2a	146.7574	12.10
003YR004HR	smf-2a	147.0074	12.10
003YR004HR	smf-2a	147.2574	12.10
003YR004HR	smf-2a	147.5074	12.10
003YR004HR	smf-2a	147.7574	12.10
003YR004HR	smf-2a	148.0074	12.10
003YR004HR	smf-2a	148.2574	12.10
003YR004HR	smf-2a	148.5074	12.10
003YR004HR	smf-2a	148.7574	12.10
003YR004HR	smf-2a	149.0074	12.10
003YR004HR	smf-2a	149.2574	12.10
003YR004HR	smf-2a	149.5074	12.10
003YR004HR	smf-2a	149.7574	12.10
003YR004HR	smf-2a	150.0074	12.10
003YR004HR	smf-2a	150.2574	12.10
003YR004HR	smf-2a	150.5074	12.10
003YR004HR	smf-2a	150.7574	12.10
003YR004HR	smf-2a	151.0074	12.10
003YR004HR	smf-2a	151.2574	12.10
003YR004HR	smf-2a	151.5074	12.10
003YR004HR	smf-2a	151.7574	12.10
003YR004HR	smf-2a	152.0074	12.10
003YR004HR	smf-2a	152.2574	12.10
003YR004HR	smf-2a	152.5074	12.10
003YR004HR	smf-2a	152.7574	12.10
003YR004HR	smf-2a	153.0074	12.10
003YR004HR	smf-2a	153.2574	12.10
003YR004HR	smf-2a	153.5074	12.10
003YR004HR	smf-2a	153.7574	12.10
003YR004HR	smf-2a	154.0074	12.10
003YR004HR	smf-2a	154.2574	12.10

3yr-4hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR004HR	smf-2b	91.7574	11.44
003YR004HR	smf-2b	92.0074	11.44
003YR004HR	smf-2b	92.2574	11.43
003YR004HR	smf-2b	92.5074	11.43
003YR004HR	smf-2b	92.7574	11.43
003YR004HR	smf-2b	93.0074	11.43
003YR004HR	smf-2b	93.2574	11.43
003YR004HR	smf-2b	93.5074	11.43
003YR004HR	smf-2b	93.7574	11.43
003YR004HR	smf-2b	94.0074	11.43
003YR004HR	smf-2b	94.2574	11.43
003YR004HR	smf-2b	94.5074	11.42
003YR004HR	smf-2b	94.7574	11.42
003YR004HR	smf-2b	95.0074	11.42
003YR004HR	smf-2b	95.2574	11.42
003YR004HR	smf-2b	95.5074	11.42
003YR004HR	smf-2b	95.7574	11.42
003YR004HR	smf-2b	96.0074	11.42
003YR004HR	smf-2b	96.2574	11.42
003YR004HR	smf-2b	96.5074	11.42
003YR004HR	smf-2b	96.7574	11.42
003YR004HR	smf-2b	97.0074	11.41
003YR004HR	smf-2b	97.2574	11.41
003YR004HR	smf-2b	97.5074	11.41
003YR004HR	smf-2b	97.7574	11.41
003YR004HR	smf-2b	98.0074	11.41
003YR004HR	smf-2b	98.2574	11.41
003YR004HR	smf-2b	98.5074	11.41
003YR004HR	smf-2b	98.7574	11.41
003YR004HR	smf-2b	99.0074	11.41
003YR004HR	smf-2b	99.2574	11.41
003YR004HR	smf-2b	99.5074	11.40
003YR004HR	smf-2b	99.7574	11.40
003YR004HR	smf-2b	100.0074	11.40
003YR004HR	smf-2b	100.2574	11.40
003YR004HR	smf-2b	100.5074	11.40
003YR004HR	smf-2b	100.7574	11.40
003YR004HR	smf-2b	101.0074	11.40
003YR004HR	smf-2b	101.2574	11.40
003YR004HR	smf-2b	101.5074	11.40
003YR004HR	smf-2b	101.7574	11.40
003YR004HR	smf-2b	102.0074	11.40

3yr-4hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR004HR	smf-2c	123.5074	11.88
003YR004HR	smf-2c	123.7574	11.88
003YR004HR	smf-2c	124.0074	11.88
003YR004HR	smf-2c	124.2574	11.88
003YR004HR	smf-2c	124.5074	11.88
003YR004HR	smf-2c	124.7574	11.88
003YR004HR	smf-2c	125.0074	11.87
003YR004HR	smf-2c	125.2574	11.87
003YR004HR	smf-2c	125.5074	11.87
003YR004HR	smf-2c	125.7574	11.87
003YR004HR	smf-2c	126.0074	11.87
003YR004HR	smf-2c	126.2574	11.87
003YR004HR	smf-2c	126.5074	11.87
003YR004HR	smf-2c	126.7574	11.87
003YR004HR	smf-2c	127.0074	11.87
003YR004HR	smf-2c	127.2574	11.87
003YR004HR	smf-2c	127.5074	11.87
003YR004HR	smf-2c	127.7574	11.87
003YR004HR	smf-2c	128.0074	11.87
003YR004HR	smf-2c	128.2574	11.86
003YR004HR	smf-2c	128.5074	11.86
003YR004HR	smf-2c	128.7574	11.86
003YR004HR	smf-2c	129.0074	11.86
003YR004HR	smf-2c	129.2574	11.86
003YR004HR	smf-2c	129.5074	11.86
003YR004HR	smf-2c	129.7574	11.86
003YR004HR	smf-2c	130.0074	11.86
003YR004HR	smf-2c	130.2574	11.86
003YR004HR	smf-2c	130.5074	11.86
003YR004HR	smf-2c	130.7574	11.86
003YR004HR	smf-2c	131.0074	11.86
003YR004HR	smf-2c	131.2574	11.86
003YR004HR	smf-2c	131.5074	11.85
003YR004HR	smf-2c	131.7574	11.85
003YR004HR	smf-2c	132.0074	11.85
003YR004HR	smf-2c	132.2574	11.85
003YR004HR	smf-2c	132.5074	11.85
003YR004HR	smf-2c	132.7574	11.85
003YR004HR	smf-2c	133.0074	11.85
003YR004HR	smf-2c	133.2574	11.85
003YR004HR	smf-2c	133.5074	11.85
003YR004HR	smf-2c	133.7574	11.85

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR004HR	smf-3a	123.7574	11.91
003YR004HR	smf-3a	124.0074	11.91
003YR004HR	smf-3a	124.2574	11.91
003YR004HR	smf-3a	124.5074	11.91
003YR004HR	smf-3a	124.7574	11.91
003YR004HR	smf-3a	125.0074	11.90
003YR004HR	smf-3a	125.2574	11.90
003YR004HR	smf-3a	125.5074	11.90
003YR004HR	smf-3a	125.7574	11.90
003YR004HR	smf-3a	126.0074	11.90
003YR004HR	smf-3a	126.2574	11.90
003YR004HR	smf-3a	126.5074	11.90
003YR004HR	smf-3a	126.7574	11.90
003YR004HR	smf-3a	127.0074	11.90
003YR004HR	smf-3a	127.2574	11.90
003YR004HR	smf-3a	127.5074	11.90
003YR004HR	smf-3a	127.7574	11.90
003YR004HR	smf-3a	128.0074	11.90
003YR004HR	smf-3a	128.2574	11.90
003YR004HR	smf-3a	128.5074	11.90
003YR004HR	smf-3a	128.7574	11.90
003YR004HR	smf-3a	129.0074	11.90
003YR004HR	smf-3a	129.2574	11.90
003YR004HR	smf-3a	129.5074	11.90
003YR004HR	smf-3a	129.7574	11.90
003YR004HR	smf-3a	130.0074	11.90
003YR004HR	smf-3a	130.2574	11.90
003YR004HR	smf-3a	130.5074	11.90
003YR004HR	smf-3a	130.7574	11.90
003YR004HR	smf-3a	131.0074	11.90
003YR004HR	smf-3a	131.2574	11.90
003YR004HR	smf-3a	131.5074	11.90
003YR004HR	smf-3a	131.7574	11.90
003YR004HR	smf-3a	132.0074	11.90
003YR004HR	smf-3a	132.2574	11.90
003YR004HR	smf-3a	132.5074	11.90
003YR004HR	smf-3a	132.7574	11.90
003YR004HR	smf-3a	133.0074	11.90
003YR004HR	smf-3a	133.2574	11.90
003YR004HR	smf-3a	133.5074	11.90
003YR004HR	smf-3a	133.7574	11.90
003YR004HR	smf-3a	134.0074	11.90

3yr-4hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR004HR	smf-3b	134.5074	11.28
003YR004HR	smf-3b	134.7574	11.27
003YR004HR	smf-3b	135.0074	11.27
003YR004HR	smf-3b	135.2574	11.27
003YR004HR	smf-3b	135.5074	11.27
003YR004HR	smf-3b	135.7574	11.27
003YR004HR	smf-3b	136.0074	11.27
003YR004HR	smf-3b	136.2574	11.27
003YR004HR	smf-3b	136.5074	11.27
003YR004HR	smf-3b	136.7574	11.27
003YR004HR	smf-3b	137.0074	11.27
003YR004HR	smf-3b	137.2574	11.27
003YR004HR	smf-3b	137.5074	11.27
003YR004HR	smf-3b	137.7574	11.27
003YR004HR	smf-3b	138.0074	11.26
003YR004HR	smf-3b	138.2574	11.26
003YR004HR	smf-3b	138.5074	11.26
003YR004HR	smf-3b	138.7574	11.26
003YR004HR	smf-3b	139.0074	11.26
003YR004HR	smf-3b	139.2574	11.26
003YR004HR	smf-3b	139.5074	11.26
003YR004HR	smf-3b	139.7574	11.26
003YR004HR	smf-3b	140.0074	11.26
003YR004HR	smf-3b	140.2574	11.26
003YR004HR	smf-3b	140.5074	11.26
003YR004HR	smf-3b	140.7574	11.26
003YR004HR	smf-3b	141.0074	11.26
003YR004HR	smf-3b	141.2574	11.26
003YR004HR	smf-3b	141.5074	11.25
003YR004HR	smf-3b	141.7574	11.25
003YR004HR	smf-3b	142.0074	11.25
003YR004HR	smf-3b	142.2574	11.25
003YR004HR	smf-3b	142.5074	11.25
003YR004HR	smf-3b	142.7574	11.25
003YR004HR	smf-3b	143.0074	11.25
003YR004HR	smf-3b	143.2574	11.25
003YR004HR	smf-3b	143.5074	11.25
003YR004HR	smf-3b	143.7574	11.25
003YR004HR	smf-3b	144.0074	11.25
003YR004HR	smf-3b	144.2574	11.25
003YR004HR	smf-3b	144.5074	11.25
003YR004HR	smf-3b	144.7574	11.25

3yr-4hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR008HR	smf-1a	71.7575	12.48
003YR008HR	smf-1a	72.0075	12.48
003YR008HR	smf-1a	72.2575	12.48
003YR008HR	smf-1a	72.5075	12.48
003YR008HR	smf-1a	72.7575	12.48
003YR008HR	smf-1a	73.0075	12.47
003YR008HR	smf-1a	73.2575	12.47
003YR008HR	smf-1a	73.5075	12.47
003YR008HR	smf-1a	73.7575	12.47
003YR008HR	smf-1a	74.0075	12.47
003YR008HR	smf-1a	74.2575	12.47
003YR008HR	smf-1a	74.5075	12.47
003YR008HR	smf-1a	74.7575	12.47
003YR008HR	smf-1a	75.0075	12.47
003YR008HR	smf-1a	75.2575	12.46
003YR008HR	smf-1a	75.5075	12.46
003YR008HR	smf-1a	75.7575	12.46
003YR008HR	smf-1a	76.0075	12.46
003YR008HR	smf-1a	76.2575	12.46
003YR008HR	smf-1a	76.5075	12.46
003YR008HR	smf-1a	76.7575	12.46
003YR008HR	smf-1a	77.0075	12.46
003YR008HR	smf-1a	77.2575	12.46
003YR008HR	smf-1a	77.5075	12.45
003YR008HR	smf-1a	77.7575	12.45
003YR008HR	smf-1a	78.0075	12.45
003YR008HR	smf-1a	78.2575	12.45
003YR008HR	smf-1a	78.5075	12.45
003YR008HR	smf-1a	78.7575	12.45
003YR008HR	smf-1a	79.0075	12.45
003YR008HR	smf-1a	79.2575	12.45
003YR008HR	smf-1a	79.5075	12.45
003YR008HR	smf-1a	79.7575	12.45
003YR008HR	smf-1a	80.0075	12.45
003YR008HR	smf-1a	80.2575	12.45
003YR008HR	smf-1a	80.5075	12.45
003YR008HR	smf-1a	80.7575	12.45
003YR008HR	smf-1a	81.0075	12.45
003YR008HR	smf-1a	81.2575	12.45
003YR008HR	smf-1a	81.5075	12.45
003YR008HR	smf-1a	81.7575	12.45
003YR008HR	smf-1a	82.0075	12.45

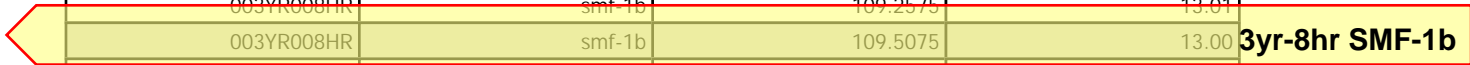


003YR008HR	smf-1a	77.5075	12.45
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3yr-8hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR008HR	smf-1b	99.5075	13.05
003YR008HR	smf-1b	99.7575	13.05
003YR008HR	smf-1b	100.0075	13.04
003YR008HR	smf-1b	100.2575	13.04
003YR008HR	smf-1b	100.5075	13.04
003YR008HR	smf-1b	100.7575	13.04
003YR008HR	smf-1b	101.0075	13.04
003YR008HR	smf-1b	101.2575	13.04
003YR008HR	smf-1b	101.5075	13.04
003YR008HR	smf-1b	101.7575	13.04
003YR008HR	smf-1b	102.0075	13.04
003YR008HR	smf-1b	102.2575	13.03
003YR008HR	smf-1b	102.5075	13.03
003YR008HR	smf-1b	102.7575	13.03
003YR008HR	smf-1b	103.0075	13.03
003YR008HR	smf-1b	103.2575	13.03
003YR008HR	smf-1b	103.5075	13.03
003YR008HR	smf-1b	103.7575	13.03
003YR008HR	smf-1b	104.0075	13.03
003YR008HR	smf-1b	104.2575	13.03
003YR008HR	smf-1b	104.5075	13.02
003YR008HR	smf-1b	104.7575	13.02
003YR008HR	smf-1b	105.0075	13.02
003YR008HR	smf-1b	105.2575	13.02
003YR008HR	smf-1b	105.5075	13.02
003YR008HR	smf-1b	105.7575	13.02
003YR008HR	smf-1b	106.0075	13.02
003YR008HR	smf-1b	106.2575	13.02
003YR008HR	smf-1b	106.5075	13.02
003YR008HR	smf-1b	106.7575	13.02
003YR008HR	smf-1b	107.0075	13.01
003YR008HR	smf-1b	107.2575	13.01
003YR008HR	smf-1b	107.5075	13.01
003YR008HR	smf-1b	107.7575	13.01
003YR008HR	smf-1b	108.0075	13.01
003YR008HR	smf-1b	108.2575	13.01
003YR008HR	smf-1b	108.5075	13.01
003YR008HR	smf-1b	108.7575	13.01
003YR008HR	smf-1b	109.0075	13.01
003YR008HR	smf-1b	109.2575	13.01
003YR008HR	smf-1b	109.5075	13.00
003YR008HR	smf-1b	109.7575	13.00



Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR008HR	smf-2a	169.2575	12.12
003YR008HR	smf-2a	169.5075	12.12
003YR008HR	smf-2a	169.7575	12.12
003YR008HR	smf-2a	170.0075	12.11
003YR008HR	smf-2a	170.2575	12.11
003YR008HR	smf-2a	170.5075	12.11
003YR008HR	smf-2a	170.7575	12.11
003YR008HR	smf-2a	171.0075	12.11
003YR008HR	smf-2a	171.2575	12.11
003YR008HR	smf-2a	171.5075	12.11
003YR008HR	smf-2a	171.7575	12.11
003YR008HR	smf-2a	172.0075	12.11
003YR008HR	smf-2a	172.2575	12.11
003YR008HR	smf-2a	172.5075	12.11
003YR008HR	smf-2a	172.7575	12.11
003YR008HR	smf-2a	173.0075	12.11
003YR008HR	smf-2a	173.2575	12.11
003YR008HR	smf-2a	173.5075	12.11
003YR008HR	smf-2a	173.7575	12.11
003YR008HR	smf-2a	174.0075	12.11
003YR008HR	smf-2a	174.2575	12.11
003YR008HR	smf-2a	174.5075	12.11
003YR008HR	smf-2a	174.7575	12.11
003YR008HR	smf-2a	175.0075	12.10
003YR008HR	smf-2a	175.2575	12.10
003YR008HR	smf-2a	175.5075	12.10
003YR008HR	smf-2a	175.7575	12.10
003YR008HR	smf-2a	176.0075	12.10
003YR008HR	smf-2a	176.2575	12.10
003YR008HR	smf-2a	176.5075	12.10
003YR008HR	smf-2a	176.7575	12.10
003YR008HR	smf-2a	177.0075	12.10
003YR008HR	smf-2a	177.2575	12.10
003YR008HR	smf-2a	177.5075	12.10
003YR008HR	smf-2a	177.7575	12.10
003YR008HR	smf-2a	178.0075	12.10
003YR008HR	smf-2a	178.2575	12.10
003YR008HR	smf-2a	178.5075	12.10
003YR008HR	smf-2a	178.7575	12.10
003YR008HR	smf-2a	179.0075	12.10
003YR008HR	smf-2a	179.2575	12.10
003YR008HR	smf-2a	179.5075	12.10

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR008HR	smf-2b	123.5075	11.43
003YR008HR	smf-2b	123.7575	11.43
003YR008HR	smf-2b	124.0075	11.43
003YR008HR	smf-2b	124.2575	11.43
003YR008HR	smf-2b	124.5075	11.43
003YR008HR	smf-2b	124.7575	11.43
003YR008HR	smf-2b	125.0075	11.43
003YR008HR	smf-2b	125.2575	11.43
003YR008HR	smf-2b	125.5075	11.43
003YR008HR	smf-2b	125.7575	11.43
003YR008HR	smf-2b	126.0075	11.43
003YR008HR	smf-2b	126.2575	11.43
003YR008HR	smf-2b	126.5075	11.42
003YR008HR	smf-2b	126.7575	11.42
003YR008HR	smf-2b	127.0075	11.42
003YR008HR	smf-2b	127.2575	11.42
003YR008HR	smf-2b	127.5075	11.42
003YR008HR	smf-2b	127.7575	11.42
003YR008HR	smf-2b	128.0075	11.42
003YR008HR	smf-2b	128.2575	11.42
003YR008HR	smf-2b	128.5075	11.42
003YR008HR	smf-2b	128.7575	11.42
003YR008HR	smf-2b	129.0075	11.42
003YR008HR	smf-2b	129.2575	11.42
003YR008HR	smf-2b	129.5075	11.41
003YR008HR	smf-2b	129.7575	11.41
003YR008HR	smf-2b	130.0075	11.41
003YR008HR	smf-2b	130.2575	11.41
003YR008HR	smf-2b	130.5075	11.41
003YR008HR	smf-2b	130.7575	11.41
003YR008HR	smf-2b	131.0075	11.41
003YR008HR	smf-2b	131.2575	11.41
003YR008HR	smf-2b	131.5075	11.41
003YR008HR	smf-2b	131.7575	11.41
003YR008HR	smf-2b	132.0075	11.41
003YR008HR	smf-2b	132.2575	11.41
003YR008HR	smf-2b	132.5075	11.40
003YR008HR	smf-2b	132.7575	11.40
003YR008HR	smf-2b	133.0075	11.40
003YR008HR	smf-2b	133.2575	11.40
003YR008HR	smf-2b	133.5075	11.40
003YR008HR	smf-2b	133.7575	11.40

3yr-8hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR008HR	smf-2c	161.7575	11.86
003YR008HR	smf-2c	162.0075	11.86
003YR008HR	smf-2c	162.2575	11.86
003YR008HR	smf-2c	162.5075	11.86
003YR008HR	smf-2c	162.7575	11.86
003YR008HR	smf-2c	163.0075	11.85
003YR008HR	smf-2c	163.2575	11.85
003YR008HR	smf-2c	163.5075	11.85
003YR008HR	smf-2c	163.7575	11.85
003YR008HR	smf-2c	164.0075	11.85
003YR008HR	smf-2c	164.2575	11.85
003YR008HR	smf-2c	164.5075	11.85
003YR008HR	smf-2c	164.7575	11.85
003YR008HR	smf-2c	165.0075	11.85
003YR008HR	smf-2c	165.2575	11.85
003YR008HR	smf-2c	165.5075	11.85
003YR008HR	smf-2c	165.7575	11.85
003YR008HR	smf-2c	166.0075	11.85
003YR008HR	smf-2c	166.2575	11.85
003YR008HR	smf-2c	166.5075	11.85
003YR008HR	smf-2c	166.7575	11.85
003YR008HR	smf-2c	167.0075	11.85
003YR008HR	smf-2c	167.2575	11.85
003YR008HR	smf-2c	167.5075	11.85
003YR008HR	smf-2c	167.7575	11.85
003YR008HR	smf-2c	168.0075	11.85
003YR008HR	smf-2c	168.2575	11.85
003YR008HR	smf-2c	168.5075	11.85
003YR008HR	smf-2c	168.7575	11.85
003YR008HR	smf-2c	169.0075	11.85
003YR008HR	smf-2c	169.2575	11.85
003YR008HR	smf-2c	169.5075	11.85
003YR008HR	smf-2c	169.7575	11.85
003YR008HR	smf-2c	170.0075	11.85
003YR008HR	smf-2c	170.2575	11.85
003YR008HR	smf-2c	170.5075	11.85
003YR008HR	smf-2c	170.7575	11.85
003YR008HR	smf-2c	171.0075	11.85
003YR008HR	smf-2c	171.2575	11.85
003YR008HR	smf-2c	171.5075	11.85
003YR008HR	smf-2c	171.7575	11.85
003YR008HR	smf-2c	172.0075	11.85

3yr-8hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR008HR	smf-3a	147.5075	11.93
003YR008HR	smf-3a	147.7575	11.93
003YR008HR	smf-3a	148.0075	11.93
003YR008HR	smf-3a	148.2575	11.93
003YR008HR	smf-3a	148.5075	11.93
003YR008HR	smf-3a	148.7575	11.93
003YR008HR	smf-3a	149.0075	11.93
003YR008HR	smf-3a	149.2575	11.93
003YR008HR	smf-3a	149.5075	11.92
003YR008HR	smf-3a	149.7575	11.92
003YR008HR	smf-3a	150.0075	11.92
003YR008HR	smf-3a	150.2575	11.92
003YR008HR	smf-3a	150.5075	11.92
003YR008HR	smf-3a	150.7575	11.92
003YR008HR	smf-3a	151.0075	11.92
003YR008HR	smf-3a	151.2575	11.92
003YR008HR	smf-3a	151.5075	11.92
003YR008HR	smf-3a	151.7575	11.92
003YR008HR	smf-3a	152.0075	11.92
003YR008HR	smf-3a	152.2575	11.92
003YR008HR	smf-3a	152.5075	11.92
003YR008HR	smf-3a	152.7575	11.92
003YR008HR	smf-3a	153.0075	11.92
003YR008HR	smf-3a	153.2575	11.91
003YR008HR	smf-3a	153.5075	11.91
003YR008HR	smf-3a	153.7575	11.91
003YR008HR	smf-3a	154.0075	11.91
003YR008HR	smf-3a	154.2575	11.91
003YR008HR	smf-3a	154.5075	11.91
003YR008HR	smf-3a	154.7575	11.91
003YR008HR	smf-3a	155.0075	11.91
003YR008HR	smf-3a	155.2575	11.91
003YR008HR	smf-3a	155.5075	11.91
003YR008HR	smf-3a	155.7575	11.91
003YR008HR	smf-3a	156.0075	11.91
003YR008HR	smf-3a	156.2575	11.91
003YR008HR	smf-3a	156.5075	11.91
003YR008HR	smf-3a	156.7575	11.91
003YR008HR	smf-3a	157.0075	11.90
003YR008HR	smf-3a	157.2575	11.90
003YR008HR	smf-3a	157.5075	11.90
003YR008HR	smf-3a	157.7575	11.90

3yr-8hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR008HR	smf-3b	175.2575	11.27
003YR008HR	smf-3b	175.5075	11.27
003YR008HR	smf-3b	175.7575	11.27
003YR008HR	smf-3b	176.0075	11.27
003YR008HR	smf-3b	176.2575	11.27
003YR008HR	smf-3b	176.5075	11.27
003YR008HR	smf-3b	176.7575	11.27
003YR008HR	smf-3b	177.0075	11.27
003YR008HR	smf-3b	177.2575	11.26
003YR008HR	smf-3b	177.5075	11.26
003YR008HR	smf-3b	177.7575	11.26
003YR008HR	smf-3b	178.0075	11.26
003YR008HR	smf-3b	178.2575	11.26
003YR008HR	smf-3b	178.5075	11.26
003YR008HR	smf-3b	178.7575	11.26
003YR008HR	smf-3b	179.0075	11.26
003YR008HR	smf-3b	179.2575	11.26
003YR008HR	smf-3b	179.5075	11.26
003YR008HR	smf-3b	179.7575	11.26
003YR008HR	smf-3b	180.0075	11.26
003YR008HR	smf-3b	180.2575	11.26
003YR008HR	smf-3b	180.5075	11.26
003YR008HR	smf-3b	180.7575	11.26
003YR008HR	smf-3b	181.0075	11.26
003YR008HR	smf-3b	181.2575	11.26
003YR008HR	smf-3b	181.5075	11.25
003YR008HR	smf-3b	181.7575	11.25
003YR008HR	smf-3b	182.0075	11.25
003YR008HR	smf-3b	182.2575	11.25
003YR008HR	smf-3b	182.5075	11.25
003YR008HR	smf-3b	182.7575	11.25
003YR008HR	smf-3b	183.0075	11.25
003YR008HR	smf-3b	183.2575	11.25
003YR008HR	smf-3b	183.5075	11.25
003YR008HR	smf-3b	183.7575	11.25
003YR008HR	smf-3b	184.0075	11.25
003YR008HR	smf-3b	184.2575	11.25
003YR008HR	smf-3b	184.5075	11.25
003YR008HR	smf-3b	184.7575	11.25
003YR008HR	smf-3b	185.0075	11.25
003YR008HR	smf-3b	185.2575	11.25
003YR008HR	smf-3b	185.5075	11.25

3yr-8hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR024HR	smf-1a	213.5013	12.47
003YR024HR	smf-1a	213.7513	12.47
003YR024HR	smf-1a	214.0013	12.47
003YR024HR	smf-1a	214.2513	12.47
003YR024HR	smf-1a	214.5013	12.47
003YR024HR	smf-1a	214.7513	12.47
003YR024HR	smf-1a	215.0013	12.47
003YR024HR	smf-1a	215.2513	12.47
003YR024HR	smf-1a	215.5013	12.47
003YR024HR	smf-1a	215.7513	12.47
003YR024HR	smf-1a	216.0013	12.47
003YR024HR	smf-1a	216.2513	12.46
003YR024HR	smf-1a	216.5013	12.46
003YR024HR	smf-1a	216.7513	12.46
003YR024HR	smf-1a	217.0013	12.46
003YR024HR	smf-1a	217.2513	12.46
003YR024HR	smf-1a	217.5013	12.46
003YR024HR	smf-1a	217.7513	12.46
003YR024HR	smf-1a	218.0013	12.46
003YR024HR	smf-1a	218.2513	12.46
003YR024HR	smf-1a	218.5013	12.46
003YR024HR	smf-1a	218.7513	12.46
003YR024HR	smf-1a	219.0013	12.46
003YR024HR	smf-1a	219.2513	12.46
003YR024HR	smf-1a	219.5013	12.46
003YR024HR	smf-1a	219.7513	12.46
003YR024HR	smf-1a	220.0013	12.46
003YR024HR	smf-1a	220.2513	12.46
003YR024HR	smf-1a	220.5013	12.46
003YR024HR	smf-1a	220.7513	12.46
003YR024HR	smf-1a	221.0013	12.46
003YR024HR	smf-1a	221.2513	12.46
003YR024HR	smf-1a	221.5013	12.46
003YR024HR	smf-1a	221.7513	12.45
003YR024HR	smf-1a	222.0013	12.45
003YR024HR	smf-1a	222.2513	12.45
003YR024HR	smf-1a	222.5013	12.45
003YR024HR	smf-1a	222.7513	12.45
003YR024HR	smf-1a	223.0013	12.45
003YR024HR	smf-1a	223.2513	12.45
003YR024HR	smf-1a	223.5013	12.45
003YR024HR	smf-1a	223.7513	12.45

3yr-24hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR024HR	smf-1b	183.2513	13.02
003YR024HR	smf-1b	183.5013	13.02
003YR024HR	smf-1b	183.7513	13.02
003YR024HR	smf-1b	184.0013	13.02
003YR024HR	smf-1b	184.2513	13.02
003YR024HR	smf-1b	184.5013	13.02
003YR024HR	smf-1b	184.7513	13.02
003YR024HR	smf-1b	185.0013	13.02
003YR024HR	smf-1b	185.2513	13.02
003YR024HR	smf-1b	185.5013	13.02
003YR024HR	smf-1b	185.7513	13.02
003YR024HR	smf-1b	186.0013	13.02
003YR024HR	smf-1b	186.2513	13.02
003YR024HR	smf-1b	186.5013	13.02
003YR024HR	smf-1b	186.7513	13.01
003YR024HR	smf-1b	187.0013	13.01
003YR024HR	smf-1b	187.2513	13.01
003YR024HR	smf-1b	187.5013	13.01
003YR024HR	smf-1b	187.7513	13.01
003YR024HR	smf-1b	188.0013	13.01
003YR024HR	smf-1b	188.2513	13.01
003YR024HR	smf-1b	188.5013	13.01
003YR024HR	smf-1b	188.7513	13.01
003YR024HR	smf-1b	189.0013	13.01
003YR024HR	smf-1b	189.2513	13.01
003YR024HR	smf-1b	189.5013	13.01
003YR024HR	smf-1b	189.7513	13.01
003YR024HR	smf-1b	190.0013	13.01
003YR024HR	smf-1b	190.2513	13.01
003YR024HR	smf-1b	190.5013	13.01
003YR024HR	smf-1b	190.7513	13.01
003YR024HR	smf-1b	191.0013	13.00
003YR024HR	smf-1b	191.2513	13.00
003YR024HR	smf-1b	191.5013	13.00
003YR024HR	smf-1b	191.7513	13.00
003YR024HR	smf-1b	192.0013	13.00
003YR024HR	smf-1b	192.2513	13.00
003YR024HR	smf-1b	192.5013	13.00
003YR024HR	smf-1b	192.7513	13.00
003YR024HR	smf-1b	193.0013	13.00
003YR024HR	smf-1b	193.2513	13.00
003YR024HR	smf-1b	193.5013	13.00

3yr-24hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR024HR	smf-2a	258.0013	12.11
003YR024HR	smf-2a	258.2513	12.11
003YR024HR	smf-2a	258.5013	12.11
003YR024HR	smf-2a	258.7513	12.11
003YR024HR	smf-2a	259.0013	12.11
003YR024HR	smf-2a	259.2513	12.11
003YR024HR	smf-2a	259.5013	12.10
003YR024HR	smf-2a	259.7513	12.10
003YR024HR	smf-2a	260.0013	12.10
003YR024HR	smf-2a	260.2513	12.10
003YR024HR	smf-2a	260.5013	12.10
003YR024HR	smf-2a	260.7513	12.10
003YR024HR	smf-2a	261.0013	12.10
003YR024HR	smf-2a	261.2513	12.10
003YR024HR	smf-2a	261.5013	12.10
003YR024HR	smf-2a	261.7513	12.10
003YR024HR	smf-2a	262.0013	12.10
003YR024HR	smf-2a	262.2513	12.10
003YR024HR	smf-2a	262.5013	12.10
003YR024HR	smf-2a	262.7513	12.10
003YR024HR	smf-2a	263.0013	12.10
003YR024HR	smf-2a	263.2513	12.10
003YR024HR	smf-2a	263.5013	12.10
003YR024HR	smf-2a	263.7513	12.10
003YR024HR	smf-2a	264.0013	12.10
003YR024HR	smf-2a	264.2513	12.10
003YR024HR	smf-2a	264.5013	12.10
003YR024HR	smf-2a	264.7513	12.10
003YR024HR	smf-2a	265.0013	12.10
003YR024HR	smf-2a	265.2513	12.10
003YR024HR	smf-2a	265.5013	12.10
003YR024HR	smf-2a	265.7513	12.10
003YR024HR	smf-2a	266.0013	12.10
003YR024HR	smf-2a	266.2513	12.10
003YR024HR	smf-2a	266.5013	12.10
003YR024HR	smf-2a	266.7513	12.10
003YR024HR	smf-2a	267.0013	12.10
003YR024HR	smf-2a	267.2513	12.10
003YR024HR	smf-2a	267.5013	12.10
003YR024HR	smf-2a	267.7513	12.10
003YR024HR	smf-2a	268.0013	12.10
003YR024HR	smf-2a	268.2513	12.10

3yr-24hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR024HR	smf-2b	206.7513	11.41
003YR024HR	smf-2b	207.0013	11.41
003YR024HR	smf-2b	207.2513	11.41
003YR024HR	smf-2b	207.5013	11.41
003YR024HR	smf-2b	207.7513	11.41
003YR024HR	smf-2b	208.0013	11.41
003YR024HR	smf-2b	208.2513	11.41
003YR024HR	smf-2b	208.5013	11.41
003YR024HR	smf-2b	208.7513	11.41
003YR024HR	smf-2b	209.0013	11.41
003YR024HR	smf-2b	209.2513	11.41
003YR024HR	smf-2b	209.5013	11.40
003YR024HR	smf-2b	209.7513	11.40
003YR024HR	smf-2b	210.0013	11.40
003YR024HR	smf-2b	210.2513	11.40
003YR024HR	smf-2b	210.5013	11.40
003YR024HR	smf-2b	210.7513	11.40
003YR024HR	smf-2b	211.0013	11.40
003YR024HR	smf-2b	211.2513	11.40
003YR024HR	smf-2b	211.5013	11.40
003YR024HR	smf-2b	211.7513	11.40
003YR024HR	smf-2b	212.0013	11.40
003YR024HR	smf-2b	212.2513	11.40
003YR024HR	smf-2b	212.5013	11.40
003YR024HR	smf-2b	212.7513	11.40
003YR024HR	smf-2b	213.0013	11.40
003YR024HR	smf-2b	213.2513	11.40
003YR024HR	smf-2b	213.5013	11.40
003YR024HR	smf-2b	213.7513	11.40
003YR024HR	smf-2b	214.0013	11.40
003YR024HR	smf-2b	214.2513	11.40
003YR024HR	smf-2b	214.5013	11.40
003YR024HR	smf-2b	214.7513	11.40
003YR024HR	smf-2b	215.0013	11.40
003YR024HR	smf-2b	215.2513	11.40
003YR024HR	smf-2b	215.5013	11.40
003YR024HR	smf-2b	215.7513	11.40
003YR024HR	smf-2b	216.0013	11.40
003YR024HR	smf-2b	216.2513	11.40
003YR024HR	smf-2b	216.5013	11.40
003YR024HR	smf-2b	216.7513	11.40
003YR024HR	smf-2b	217.0013	11.40

3yr-24hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR024HR	smf-2c	239.5013	11.87
003YR024HR	smf-2c	239.7513	11.87
003YR024HR	smf-2c	240.0013	11.87
003YR024HR	smf-2c	240.2513	11.86
003YR024HR	smf-2c	240.5013	11.86
003YR024HR	smf-2c	240.7513	11.86
003YR024HR	smf-2c	241.0013	11.86
003YR024HR	smf-2c	241.2513	11.86
003YR024HR	smf-2c	241.5013	11.86
003YR024HR	smf-2c	241.7513	11.86
003YR024HR	smf-2c	242.0013	11.86
003YR024HR	smf-2c	242.2513	11.86
003YR024HR	smf-2c	242.5013	11.86
003YR024HR	smf-2c	242.7513	11.86
003YR024HR	smf-2c	243.0013	11.86
003YR024HR	smf-2c	243.2513	11.86
003YR024HR	smf-2c	243.5013	11.86
003YR024HR	smf-2c	243.7513	11.86
003YR024HR	smf-2c	244.0013	11.86
003YR024HR	smf-2c	244.2513	11.86
003YR024HR	smf-2c	244.5013	11.86
003YR024HR	smf-2c	244.7513	11.86
003YR024HR	smf-2c	245.0013	11.86
003YR024HR	smf-2c	245.2513	11.86
003YR024HR	smf-2c	245.5013	11.86
003YR024HR	smf-2c	245.7513	11.86
003YR024HR	smf-2c	246.0013	11.86
003YR024HR	smf-2c	246.2513	11.85
003YR024HR	smf-2c	246.5013	11.85
003YR024HR	smf-2c	246.7513	11.85
003YR024HR	smf-2c	247.0013	11.85
003YR024HR	smf-2c	247.2513	11.85
003YR024HR	smf-2c	247.5013	11.85
003YR024HR	smf-2c	247.7513	11.85
003YR024HR	smf-2c	248.0013	11.85
003YR024HR	smf-2c	248.2513	11.85
003YR024HR	smf-2c	248.5013	11.85
003YR024HR	smf-2c	248.7513	11.85
003YR024HR	smf-2c	249.0013	11.85
003YR024HR	smf-2c	249.2513	11.85
003YR024HR	smf-2c	249.5013	11.85
003YR024HR	smf-2c	249.7513	11.85

3yr-24hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR024HR	smf-3a	251.2513	11.92
003YR024HR	smf-3a	251.5013	11.91
003YR024HR	smf-3a	251.7513	11.91
003YR024HR	smf-3a	252.0013	11.91
003YR024HR	smf-3a	252.2513	11.91
003YR024HR	smf-3a	252.5013	11.91
003YR024HR	smf-3a	252.7513	11.91
003YR024HR	smf-3a	253.0013	11.91
003YR024HR	smf-3a	253.2513	11.91
003YR024HR	smf-3a	253.5013	11.91
003YR024HR	smf-3a	253.7513	11.91
003YR024HR	smf-3a	254.0013	11.91
003YR024HR	smf-3a	254.2513	11.91
003YR024HR	smf-3a	254.5013	11.91
003YR024HR	smf-3a	254.7513	11.91
003YR024HR	smf-3a	255.0013	11.91
003YR024HR	smf-3a	255.2513	11.91
003YR024HR	smf-3a	255.5013	11.91
003YR024HR	smf-3a	255.7513	11.91
003YR024HR	smf-3a	256.0013	11.91
003YR024HR	smf-3a	256.2513	11.91
003YR024HR	smf-3a	256.5013	11.91
003YR024HR	smf-3a	256.7513	11.91
003YR024HR	smf-3a	257.0013	11.91
003YR024HR	smf-3a	257.2513	11.91
003YR024HR	smf-3a	257.5013	11.91
003YR024HR	smf-3a	257.7513	11.90
003YR024HR	smf-3a	258.0013	11.90
003YR024HR	smf-3a	258.2513	11.90
003YR024HR	smf-3a	258.5013	11.90
003YR024HR	smf-3a	258.7513	11.90
003YR024HR	smf-3a	259.0013	11.90
003YR024HR	smf-3a	259.2513	11.90
003YR024HR	smf-3a	259.5013	11.90
003YR024HR	smf-3a	259.7513	11.90
003YR024HR	smf-3a	260.0013	11.90
003YR024HR	smf-3a	260.2513	11.90
003YR024HR	smf-3a	260.5013	11.90
003YR024HR	smf-3a	260.7513	11.90
003YR024HR	smf-3a	261.0013	11.90
003YR024HR	smf-3a	261.2513	11.90
003YR024HR	smf-3a	261.5013	11.90

3yr-24hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR024HR	smf-3b	273.5013	11.27
003YR024HR	smf-3b	273.7513	11.27
003YR024HR	smf-3b	274.0013	11.27
003YR024HR	smf-3b	274.2513	11.27
003YR024HR	smf-3b	274.5013	11.27
003YR024HR	smf-3b	274.7513	11.27
003YR024HR	smf-3b	275.0013	11.27
003YR024HR	smf-3b	275.2513	11.27
003YR024HR	smf-3b	275.5013	11.27
003YR024HR	smf-3b	275.7513	11.27
003YR024HR	smf-3b	276.0013	11.27
003YR024HR	smf-3b	276.2513	11.27
003YR024HR	smf-3b	276.5013	11.27
003YR024HR	smf-3b	276.7513	11.27
003YR024HR	smf-3b	277.0013	11.26
003YR024HR	smf-3b	277.2513	11.26
003YR024HR	smf-3b	277.5013	11.26
003YR024HR	smf-3b	277.7513	11.26
003YR024HR	smf-3b	278.0013	11.26
003YR024HR	smf-3b	278.2513	11.26
003YR024HR	smf-3b	278.5013	11.26
003YR024HR	smf-3b	278.7513	11.26
003YR024HR	smf-3b	279.0013	11.26
003YR024HR	smf-3b	279.2513	11.26
003YR024HR	smf-3b	279.5013	11.26
003YR024HR	smf-3b	279.7513	11.26
003YR024HR	smf-3b	280.0013	11.26
003YR024HR	smf-3b	280.2513	11.26
003YR024HR	smf-3b	280.5013	11.26
003YR024HR	smf-3b	280.7513	11.26
003YR024HR	smf-3b	281.0013	11.26
003YR024HR	smf-3b	281.2513	11.26
003YR024HR	smf-3b	281.5013	11.26
003YR024HR	smf-3b	281.7513	11.26
003YR024HR	smf-3b	282.0013	11.26
003YR024HR	smf-3b	282.2513	11.26
003YR024HR	smf-3b	282.5013	11.26
003YR024HR	smf-3b	282.7513	11.26
003YR024HR	smf-3b	283.0013	11.26
003YR024HR	smf-3b	283.2513	11.26
003YR024HR	smf-3b	283.5013	11.25
003YR024HR	smf-3b	283.7513	11.25

3yr-24hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR072HR	smf-1a	243.2575	12.47
003YR072HR	smf-1a	243.5075	12.47
003YR072HR	smf-1a	243.7575	12.47
003YR072HR	smf-1a	244.0075	12.47
003YR072HR	smf-1a	244.2575	12.47
003YR072HR	smf-1a	244.5075	12.47
003YR072HR	smf-1a	244.7575	12.47
003YR072HR	smf-1a	245.0075	12.47
003YR072HR	smf-1a	245.2575	12.47
003YR072HR	smf-1a	245.5075	12.47
003YR072HR	smf-1a	245.7575	12.47
003YR072HR	smf-1a	246.0075	12.47
003YR072HR	smf-1a	246.2575	12.47
003YR072HR	smf-1a	246.5075	12.47
003YR072HR	smf-1a	246.7575	12.47
003YR072HR	smf-1a	247.0075	12.46
003YR072HR	smf-1a	247.2575	12.46
003YR072HR	smf-1a	247.5075	12.46
003YR072HR	smf-1a	247.7575	12.46
003YR072HR	smf-1a	248.0075	12.46
003YR072HR	smf-1a	248.2575	12.46
003YR072HR	smf-1a	248.5075	12.46
003YR072HR	smf-1a	248.7575	12.46
003YR072HR	smf-1a	249.0075	12.46
003YR072HR	smf-1a	249.2575	12.46
003YR072HR	smf-1a	249.5075	12.46
003YR072HR	smf-1a	249.7575	12.46
003YR072HR	smf-1a	250.0075	12.46
003YR072HR	smf-1a	250.2575	12.46
003YR072HR	smf-1a	250.5075	12.46
003YR072HR	smf-1a	250.7575	12.46
003YR072HR	smf-1a	251.0075	12.46
003YR072HR	smf-1a	251.2575	12.46
003YR072HR	smf-1a	251.5075	12.46
003YR072HR	smf-1a	251.7575	12.46
003YR072HR	smf-1a	252.0075	12.46
003YR072HR	smf-1a	252.2575	12.46
003YR072HR	smf-1a	252.5075	12.45
003YR072HR	smf-1a	252.7575	12.45
003YR072HR	smf-1a	253.0075	12.45
003YR072HR	smf-1a	253.2575	12.45
003YR072HR	smf-1a	253.5075	12.45

3yr-72hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR072HR	smf-1b	385.5075	13.01
003YR072HR	smf-1b	385.7575	13.01
003YR072HR	smf-1b	386.0075	13.01
003YR072HR	smf-1b	386.2575	13.01
003YR072HR	smf-1b	386.5075	13.01
003YR072HR	smf-1b	386.7575	13.01
003YR072HR	smf-1b	387.0075	13.01
003YR072HR	smf-1b	387.2575	13.01
003YR072HR	smf-1b	387.5075	13.01
003YR072HR	smf-1b	387.7575	13.01
003YR072HR	smf-1b	388.0075	13.01
003YR072HR	smf-1b	388.2575	13.01
003YR072HR	smf-1b	388.5075	13.01
003YR072HR	smf-1b	388.7575	13.01
003YR072HR	smf-1b	389.0075	13.01
003YR072HR	smf-1b	389.2575	13.01
003YR072HR	smf-1b	389.5075	13.01
003YR072HR	smf-1b	389.7575	13.01
003YR072HR	smf-1b	390.0075	13.01
003YR072HR	smf-1b	390.2575	13.01
003YR072HR	smf-1b	390.5075	13.01
003YR072HR	smf-1b	390.7575	13.01
003YR072HR	smf-1b	391.0075	13.01
003YR072HR	smf-1b	391.2575	13.01
003YR072HR	smf-1b	391.5075	13.01
003YR072HR	smf-1b	391.7575	13.01
003YR072HR	smf-1b	392.0075	13.01
003YR072HR	smf-1b	392.2575	13.01
003YR072HR	smf-1b	392.5075	13.01
003YR072HR	smf-1b	392.7575	13.00
003YR072HR	smf-1b	393.0075	13.00
003YR072HR	smf-1b	393.2575	13.00
003YR072HR	smf-1b	393.5075	13.00
003YR072HR	smf-1b	393.7575	13.00
003YR072HR	smf-1b	394.0075	13.00
003YR072HR	smf-1b	394.2575	13.00
003YR072HR	smf-1b	394.5075	13.00
003YR072HR	smf-1b	394.7575	13.00
003YR072HR	smf-1b	395.0075	13.00
003YR072HR	smf-1b	395.2575	13.00
003YR072HR	smf-1b	395.5075	13.00
003YR072HR	smf-1b	395.7575	13.00

3yr-72hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR072HR	smf-2a	433.2575	12.11
003YR072HR	smf-2a	433.5075	12.11
003YR072HR	smf-2a	433.7575	12.11
003YR072HR	smf-2a	434.0075	12.11
003YR072HR	smf-2a	434.2575	12.11
003YR072HR	smf-2a	434.5075	12.11
003YR072HR	smf-2a	434.7575	12.11
003YR072HR	smf-2a	435.0075	12.11
003YR072HR	smf-2a	435.2575	12.11
003YR072HR	smf-2a	435.5075	12.11
003YR072HR	smf-2a	435.7575	12.11
003YR072HR	smf-2a	436.0075	12.11
003YR072HR	smf-2a	436.2575	12.11
003YR072HR	smf-2a	436.5075	12.11
003YR072HR	smf-2a	436.7575	12.11
003YR072HR	smf-2a	437.0075	12.11
003YR072HR	smf-2a	437.2575	12.11
003YR072HR	smf-2a	437.5075	12.11
003YR072HR	smf-2a	437.7575	12.11
003YR072HR	smf-2a	438.0075	12.11
003YR072HR	smf-2a	438.2575	12.11
003YR072HR	smf-2a	438.5075	12.11
003YR072HR	smf-2a	438.7575	12.10
003YR072HR	smf-2a	439.0075	12.10
003YR072HR	smf-2a	439.2575	12.10
003YR072HR	smf-2a	439.5075	12.10
003YR072HR	smf-2a	439.7575	12.10
003YR072HR	smf-2a	440.0075	12.10
003YR072HR	smf-2a	440.2575	12.10
003YR072HR	smf-2a	440.5075	12.10
003YR072HR	smf-2a	440.7575	12.10
003YR072HR	smf-2a	441.0075	12.10
003YR072HR	smf-2a	441.2575	12.10
003YR072HR	smf-2a	441.5075	12.10
003YR072HR	smf-2a	441.7575	12.10
003YR072HR	smf-2a	442.0075	12.10
003YR072HR	smf-2a	442.2575	12.10
003YR072HR	smf-2a	442.5075	12.10
003YR072HR	smf-2a	442.7575	12.10
003YR072HR	smf-2a	443.0075	12.10
003YR072HR	smf-2a	443.2575	12.10
003YR072HR	smf-2a	443.5075	12.10

3yr-72hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR072HR	smf-2b	313.0075	11.40
003YR072HR	smf-2b	313.2575	11.40
003YR072HR	smf-2b	313.5075	11.40
003YR072HR	smf-2b	313.7575	11.40
003YR072HR	smf-2b	314.0075	11.40
003YR072HR	smf-2b	314.2575	11.40
003YR072HR	smf-2b	314.5075	11.40
003YR072HR	smf-2b	314.7575	11.40
003YR072HR	smf-2b	315.0075	11.40
003YR072HR	smf-2b	315.2575	11.40
003YR072HR	smf-2b	315.5075	11.40
003YR072HR	smf-2b	315.7575	11.40
003YR072HR	smf-2b	316.0075	11.40
003YR072HR	smf-2b	316.2575	11.40
003YR072HR	smf-2b	316.5075	11.40
003YR072HR	smf-2b	316.7575	11.40
003YR072HR	smf-2b	317.0075	11.40
003YR072HR	smf-2b	317.2575	11.40
003YR072HR	smf-2b	317.5075	11.40
003YR072HR	smf-2b	317.7575	11.40
003YR072HR	smf-2b	318.0075	11.40
003YR072HR	smf-2b	318.2575	11.40
003YR072HR	smf-2b	318.5075	11.40
003YR072HR	smf-2b	318.7575	11.40
003YR072HR	smf-2b	319.0075	11.40
003YR072HR	smf-2b	319.2575	11.40
003YR072HR	smf-2b	319.5075	11.40
003YR072HR	smf-2b	319.7575	11.40
003YR072HR	smf-2b	320.0075	11.40
003YR072HR	smf-2b	320.2575	11.40
003YR072HR	smf-2b	320.5075	11.40
003YR072HR	smf-2b	320.7575	11.40
003YR072HR	smf-2b	321.0075	11.40
003YR072HR	smf-2b	321.2575	11.40
003YR072HR	smf-2b	321.5075	11.40
003YR072HR	smf-2b	321.7575	11.40
003YR072HR	smf-2b	322.0075	11.40
003YR072HR	smf-2b	322.2575	11.40
003YR072HR	smf-2b	322.5075	11.40
003YR072HR	smf-2b	322.7575	11.40
003YR072HR	smf-2b	323.0075	11.40
003YR072HR	smf-2b	323.2575	11.40

3yr-72hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR072HR	smf-2c	392.2575	11.86
003YR072HR	smf-2c	392.5075	11.86
003YR072HR	smf-2c	392.7575	11.86
003YR072HR	smf-2c	393.0075	11.86
003YR072HR	smf-2c	393.2575	11.86
003YR072HR	smf-2c	393.5075	11.86
003YR072HR	smf-2c	393.7575	11.86
003YR072HR	smf-2c	394.0075	11.86
003YR072HR	smf-2c	394.2575	11.86
003YR072HR	smf-2c	394.5075	11.86
003YR072HR	smf-2c	394.7575	11.86
003YR072HR	smf-2c	395.0075	11.86
003YR072HR	smf-2c	395.2575	11.86
003YR072HR	smf-2c	395.5075	11.86
003YR072HR	smf-2c	395.7575	11.85
003YR072HR	smf-2c	396.0075	11.85
003YR072HR	smf-2c	396.2575	11.85
003YR072HR	smf-2c	396.5075	11.85
003YR072HR	smf-2c	396.7575	11.85
003YR072HR	smf-2c	397.0075	11.85
003YR072HR	smf-2c	397.2575	11.85
003YR072HR	smf-2c	397.5075	11.85
003YR072HR	smf-2c	397.7575	11.85
003YR072HR	smf-2c	398.0075	11.85
003YR072HR	smf-2c	398.2575	11.85
003YR072HR	smf-2c	398.5075	11.85
003YR072HR	smf-2c	398.7575	11.85
003YR072HR	smf-2c	399.0075	11.85
003YR072HR	smf-2c	399.2575	11.85
003YR072HR	smf-2c	399.5075	11.85
003YR072HR	smf-2c	399.7575	11.85
003YR072HR	smf-2c	400.0075	11.85
003YR072HR	smf-2c	400.2575	11.85
003YR072HR	smf-2c	400.5075	11.85
003YR072HR	smf-2c	400.7575	11.85
003YR072HR	smf-2c	401.0075	11.85
003YR072HR	smf-2c	401.2575	11.85
003YR072HR	smf-2c	401.5075	11.85
003YR072HR	smf-2c	401.7575	11.85
003YR072HR	smf-2c	402.0075	11.85
003YR072HR	smf-2c	402.2575	11.85
003YR072HR	smf-2c	402.5075	11.85

3yr-72hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR072HR	smf-3a	513.5075	11.91
003YR072HR	smf-3a	513.7575	11.91
003YR072HR	smf-3a	514.0075	11.91
003YR072HR	smf-3a	514.2575	11.91
003YR072HR	smf-3a	514.5075	11.91
003YR072HR	smf-3a	514.7575	11.91
003YR072HR	smf-3a	515.0075	11.91
003YR072HR	smf-3a	515.2575	11.91
003YR072HR	smf-3a	515.5075	11.90
003YR072HR	smf-3a	515.7575	11.90
003YR072HR	smf-3a	516.0075	11.90
003YR072HR	smf-3a	516.2575	11.90
003YR072HR	smf-3a	516.5075	11.90
003YR072HR	smf-3a	516.7575	11.90
003YR072HR	smf-3a	517.0075	11.90
003YR072HR	smf-3a	517.2575	11.90
003YR072HR	smf-3a	517.5075	11.90
003YR072HR	smf-3a	517.7575	11.90
003YR072HR	smf-3a	518.0075	11.90
003YR072HR	smf-3a	518.2575	11.90
003YR072HR	smf-3a	518.5075	11.90
003YR072HR	smf-3a	518.7575	11.90
003YR072HR	smf-3a	519.0075	11.90
003YR072HR	smf-3a	519.2575	11.90
003YR072HR	smf-3a	519.5075	11.90
003YR072HR	smf-3a	519.7575	11.90
003YR072HR	smf-3a	520.0075	11.90
003YR072HR	smf-3a	520.2575	11.90
003YR072HR	smf-3a	520.5075	11.90
003YR072HR	smf-3a	520.7575	11.90
003YR072HR	smf-3a	521.0075	11.90
003YR072HR	smf-3a	521.2575	11.90
003YR072HR	smf-3a	521.5075	11.90
003YR072HR	smf-3a	521.7575	11.90
003YR072HR	smf-3a	522.0075	11.90
003YR072HR	smf-3a	522.2575	11.90
003YR072HR	smf-3a	522.5075	11.90
003YR072HR	smf-3a	522.7575	11.90
003YR072HR	smf-3a	523.0075	11.90
003YR072HR	smf-3a	523.2575	11.90
003YR072HR	smf-3a	523.5075	11.90
003YR072HR	smf-3a	523.7575	11.90

3yr-72hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
003YR072HR	smf-3b	456.2575	11.26
003YR072HR	smf-3b	456.5075	11.25
003YR072HR	smf-3b	456.7575	11.25
003YR072HR	smf-3b	457.0075	11.25
003YR072HR	smf-3b	457.2575	11.25
003YR072HR	smf-3b	457.5075	11.25
003YR072HR	smf-3b	457.7575	11.25
003YR072HR	smf-3b	458.0075	11.25
003YR072HR	smf-3b	458.2575	11.25
003YR072HR	smf-3b	458.5075	11.25
003YR072HR	smf-3b	458.7575	11.25
003YR072HR	smf-3b	459.0075	11.25
003YR072HR	smf-3b	459.2575	11.25
003YR072HR	smf-3b	459.5075	11.25
003YR072HR	smf-3b	459.7575	11.25
003YR072HR	smf-3b	460.0075	11.25
003YR072HR	smf-3b	460.2575	11.25
003YR072HR	smf-3b	460.5075	11.25
003YR072HR	smf-3b	460.7575	11.25
003YR072HR	smf-3b	461.0075	11.25
003YR072HR	smf-3b	461.2575	11.25
003YR072HR	smf-3b	461.5075	11.25
003YR072HR	smf-3b	461.7575	11.25
003YR072HR	smf-3b	462.0075	11.25
003YR072HR	smf-3b	462.2575	11.25
003YR072HR	smf-3b	462.5075	11.25
003YR072HR	smf-3b	462.7575	11.25
003YR072HR	smf-3b	463.0075	11.25
003YR072HR	smf-3b	463.2575	11.25
003YR072HR	smf-3b	463.5075	11.25
003YR072HR	smf-3b	463.7575	11.25
003YR072HR	smf-3b	464.0075	11.25
003YR072HR	smf-3b	464.2575	11.25
003YR072HR	smf-3b	464.5075	11.25
003YR072HR	smf-3b	464.7575	11.25
003YR072HR	smf-3b	465.0075	11.25
003YR072HR	smf-3b	465.2575	11.25
003YR072HR	smf-3b	465.5075	11.25
003YR072HR	smf-3b	465.7575	11.25
003YR072HR	smf-3b	466.0075	11.25
003YR072HR	smf-3b	466.2575	11.25
003YR072HR	smf-3b	466.5075	11.25

3yr-72hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR001HR	smf-1a	10.5014	12.56
005YR001HR	smf-1a	10.7514	12.55
005YR001HR	smf-1a	11.0014	12.55
005YR001HR	smf-1a	11.2514	12.54
005YR001HR	smf-1a	11.5014	12.54
005YR001HR	smf-1a	11.7514	12.53
005YR001HR	smf-1a	12.0014	12.53
005YR001HR	smf-1a	12.2514	12.53
005YR001HR	smf-1a	12.5014	12.52
005YR001HR	smf-1a	12.7514	12.52
005YR001HR	smf-1a	13.0014	12.51
005YR001HR	smf-1a	13.2514	12.51
005YR001HR	smf-1a	13.5014	12.50
005YR001HR	smf-1a	13.7514	12.50
005YR001HR	smf-1a	14.0014	12.50
005YR001HR	smf-1a	14.2514	12.49
005YR001HR	smf-1a	14.5014	12.49
005YR001HR	smf-1a	14.7514	12.49
005YR001HR	smf-1a	15.0014	12.48
005YR001HR	smf-1a	15.2514	12.48
005YR001HR	smf-1a	15.5014	12.48
005YR001HR	smf-1a	15.7514	12.47
005YR001HR	smf-1a	16.0014	12.47
005YR001HR	smf-1a	16.2514	12.47
005YR001HR	smf-1a	16.5014	12.46
005YR001HR	smf-1a	16.7514	12.46
005YR001HR	smf-1a	17.0014	12.46
005YR001HR	smf-1a	17.2514	12.45
005YR001HR	smf-1a	17.5014	12.45
005YR001HR	smf-1a	17.7514	12.45
005YR001HR	smf-1a	18.0014	12.45
005YR001HR	smf-1a	18.2514	12.45
005YR001HR	smf-1a	18.5014	12.45
005YR001HR	smf-1a	18.7514	12.45
005YR001HR	smf-1a	19.0014	12.45
005YR001HR	smf-1a	19.2514	12.45
005YR001HR	smf-1a	19.5014	12.45
005YR001HR	smf-1a	19.7514	12.45
005YR001HR	smf-1a	20.0014	12.45
005YR001HR	smf-1a	20.2514	12.45
005YR001HR	smf-1a	20.5014	12.45
005YR001HR	smf-1a	20.7514	12.45

5yr-1hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR001HR	smf-1b	45.2514	13.06
005YR001HR	smf-1b	45.5014	13.06
005YR001HR	smf-1b	45.7514	13.05
005YR001HR	smf-1b	46.0014	13.05
005YR001HR	smf-1b	46.2514	13.05
005YR001HR	smf-1b	46.5014	13.05
005YR001HR	smf-1b	46.7514	13.05
005YR001HR	smf-1b	47.0014	13.04
005YR001HR	smf-1b	47.2514	13.04
005YR001HR	smf-1b	47.5014	13.04
005YR001HR	smf-1b	47.7514	13.04
005YR001HR	smf-1b	48.0014	13.04
005YR001HR	smf-1b	48.2514	13.03
005YR001HR	smf-1b	48.5014	13.03
005YR001HR	smf-1b	48.7514	13.03
005YR001HR	smf-1b	49.0014	13.03
005YR001HR	smf-1b	49.2514	13.03
005YR001HR	smf-1b	49.5014	13.02
005YR001HR	smf-1b	49.7514	13.02
005YR001HR	smf-1b	50.0014	13.02
005YR001HR	smf-1b	50.2514	13.02
005YR001HR	smf-1b	50.5014	13.02
005YR001HR	smf-1b	50.7514	13.01
005YR001HR	smf-1b	51.0014	13.01
005YR001HR	smf-1b	51.2514	13.01
005YR001HR	smf-1b	51.5014	13.01
005YR001HR	smf-1b	51.7514	13.01
005YR001HR	smf-1b	52.0014	13.01
005YR001HR	smf-1b	52.2514	13.00
005YR001HR	smf-1b	52.5014	13.00
005YR001HR	smf-1b	52.7514	13.00
005YR001HR	smf-1b	53.0014	13.00
005YR001HR	smf-1b	53.2514	13.00
005YR001HR	smf-1b	53.5014	13.00
005YR001HR	smf-1b	53.7514	13.00
005YR001HR	smf-1b	54.0014	13.00
005YR001HR	smf-1b	54.2514	13.00
005YR001HR	smf-1b	54.5014	13.00
005YR001HR	smf-1b	54.7514	13.00
005YR001HR	smf-1b	55.0014	13.00
005YR001HR	smf-1b	55.2514	13.00
005YR001HR	smf-1b	55.5014	13.00

5yr-1hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR001HR	smf-2a	90.5014	12.12
005YR001HR	smf-2a	90.7514	12.12
005YR001HR	smf-2a	91.0014	12.12
005YR001HR	smf-2a	91.2514	12.12
005YR001HR	smf-2a	91.5014	12.12
005YR001HR	smf-2a	91.7514	12.11
005YR001HR	smf-2a	92.0014	12.11
005YR001HR	smf-2a	92.2514	12.11
005YR001HR	smf-2a	92.5014	12.11
005YR001HR	smf-2a	92.7514	12.11
005YR001HR	smf-2a	93.0014	12.11
005YR001HR	smf-2a	93.2514	12.11
005YR001HR	smf-2a	93.5014	12.11
005YR001HR	smf-2a	93.7514	12.11
005YR001HR	smf-2a	94.0014	12.11
005YR001HR	smf-2a	94.2514	12.11
005YR001HR	smf-2a	94.5014	12.11
005YR001HR	smf-2a	94.7514	12.11
005YR001HR	smf-2a	95.0014	12.10
005YR001HR	smf-2a	95.2514	12.10
005YR001HR	smf-2a	95.5014	12.10
005YR001HR	smf-2a	95.7514	12.10
005YR001HR	smf-2a	96.0014	12.10
005YR001HR	smf-2a	96.2514	12.10
005YR001HR	smf-2a	96.5014	12.10
005YR001HR	smf-2a	96.7514	12.10
005YR001HR	smf-2a	97.0014	12.10
005YR001HR	smf-2a	97.2514	12.10
005YR001HR	smf-2a	97.5014	12.10
005YR001HR	smf-2a	97.7514	12.10
005YR001HR	smf-2a	98.0014	12.10
005YR001HR	smf-2a	98.2514	12.10
005YR001HR	smf-2a	98.5014	12.10
005YR001HR	smf-2a	98.7514	12.10
005YR001HR	smf-2a	99.0014	12.10
005YR001HR	smf-2a	99.2514	12.10
005YR001HR	smf-2a	99.5014	12.10
005YR001HR	smf-2a	99.7514	12.10
005YR001HR	smf-2a	100.0014	12.10
005YR001HR	smf-2a	100.2514	12.10
005YR001HR	smf-2a	100.5014	12.10
005YR001HR	smf-2a	100.7514	12.10

5yr-1hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR001HR	smf-2b	41.2514	11.48
005YR001HR	smf-2b	41.5014	11.48
005YR001HR	smf-2b	41.7514	11.48
005YR001HR	smf-2b	42.0014	11.48
005YR001HR	smf-2b	42.2514	11.47
005YR001HR	smf-2b	42.5014	11.47
005YR001HR	smf-2b	42.7514	11.47
005YR001HR	smf-2b	43.0014	11.47
005YR001HR	smf-2b	43.2514	11.46
005YR001HR	smf-2b	43.5014	11.46
005YR001HR	smf-2b	43.7514	11.46
005YR001HR	smf-2b	44.0014	11.46
005YR001HR	smf-2b	44.2514	11.46
005YR001HR	smf-2b	44.5014	11.45
005YR001HR	smf-2b	44.7514	11.45
005YR001HR	smf-2b	45.0014	11.45
005YR001HR	smf-2b	45.2514	11.45
005YR001HR	smf-2b	45.5014	11.45
005YR001HR	smf-2b	45.7514	11.44
005YR001HR	smf-2b	46.0014	11.44
005YR001HR	smf-2b	46.2514	11.44
005YR001HR	smf-2b	46.5014	11.44
005YR001HR	smf-2b	46.7514	11.44
005YR001HR	smf-2b	47.0014	11.43
005YR001HR	smf-2b	47.2514	11.43
005YR001HR	smf-2b	47.5014	11.43
005YR001HR	smf-2b	47.7514	11.43
005YR001HR	smf-2b	48.0014	11.43
005YR001HR	smf-2b	48.2514	11.42
005YR001HR	smf-2b	48.5014	11.42
005YR001HR	smf-2b	48.7514	11.42
005YR001HR	smf-2b	49.0014	11.42
005YR001HR	smf-2b	49.2514	11.42
005YR001HR	smf-2b	49.5014	11.42
005YR001HR	smf-2b	49.7514	11.41
005YR001HR	smf-2b	50.0014	11.41
005YR001HR	smf-2b	50.2514	11.41
005YR001HR	smf-2b	50.5014	11.41
005YR001HR	smf-2b	50.7514	11.41
005YR001HR	smf-2b	51.0014	11.41
005YR001HR	smf-2b	51.2514	11.40
005YR001HR	smf-2b	51.5014	11.40

5yr-1hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR001HR	smf-2c	76.0014	11.86
005YR001HR	smf-2c	76.2514	11.86
005YR001HR	smf-2c	76.5014	11.86
005YR001HR	smf-2c	76.7514	11.86
005YR001HR	smf-2c	77.0014	11.86
005YR001HR	smf-2c	77.2514	11.86
005YR001HR	smf-2c	77.5014	11.86
005YR001HR	smf-2c	77.7514	11.86
005YR001HR	smf-2c	78.0014	11.85
005YR001HR	smf-2c	78.2514	11.85
005YR001HR	smf-2c	78.5014	11.85
005YR001HR	smf-2c	78.7514	11.85
005YR001HR	smf-2c	79.0014	11.85
005YR001HR	smf-2c	79.2514	11.85
005YR001HR	smf-2c	79.5014	11.85
005YR001HR	smf-2c	79.7514	11.85
005YR001HR	smf-2c	80.0014	11.85
005YR001HR	smf-2c	80.2514	11.85
005YR001HR	smf-2c	80.5014	11.85
005YR001HR	smf-2c	80.7514	11.85
005YR001HR	smf-2c	81.0014	11.85
005YR001HR	smf-2c	81.2514	11.85
005YR001HR	smf-2c	81.5014	11.85
005YR001HR	smf-2c	81.7514	11.85
005YR001HR	smf-2c	82.0014	11.85
005YR001HR	smf-2c	82.2514	11.85
005YR001HR	smf-2c	82.5014	11.85
005YR001HR	smf-2c	82.7514	11.85
005YR001HR	smf-2c	83.0014	11.85
005YR001HR	smf-2c	83.2514	11.85
005YR001HR	smf-2c	83.5014	11.85
005YR001HR	smf-2c	83.7514	11.85
005YR001HR	smf-2c	84.0014	11.85
005YR001HR	smf-2c	84.2514	11.85
005YR001HR	smf-2c	84.5014	11.85
005YR001HR	smf-2c	84.7514	11.85
005YR001HR	smf-2c	85.0014	11.85
005YR001HR	smf-2c	85.2514	11.85
005YR001HR	smf-2c	85.5014	11.85
005YR001HR	smf-2c	85.7514	11.85
005YR001HR	smf-2c	86.0014	11.85
005YR001HR	smf-2c	86.2514	11.85

5yr-1hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR001HR	smf-3a	79.2514	11.95
005YR001HR	smf-3a	79.5014	11.95
005YR001HR	smf-3a	79.7514	11.94
005YR001HR	smf-3a	80.0014	11.94
005YR001HR	smf-3a	80.2514	11.94
005YR001HR	smf-3a	80.5014	11.94
005YR001HR	smf-3a	80.7514	11.94
005YR001HR	smf-3a	81.0014	11.94
005YR001HR	smf-3a	81.2514	11.94
005YR001HR	smf-3a	81.5014	11.94
005YR001HR	smf-3a	81.7514	11.93
005YR001HR	smf-3a	82.0014	11.93
005YR001HR	smf-3a	82.2514	11.93
005YR001HR	smf-3a	82.5014	11.93
005YR001HR	smf-3a	82.7514	11.93
005YR001HR	smf-3a	83.0014	11.93
005YR001HR	smf-3a	83.2514	11.93
005YR001HR	smf-3a	83.5014	11.93
005YR001HR	smf-3a	83.7514	11.93
005YR001HR	smf-3a	84.0014	11.92
005YR001HR	smf-3a	84.2514	11.92
005YR001HR	smf-3a	84.5014	11.92
005YR001HR	smf-3a	84.7514	11.92
005YR001HR	smf-3a	85.0014	11.92
005YR001HR	smf-3a	85.2514	11.92
005YR001HR	smf-3a	85.5014	11.92
005YR001HR	smf-3a	85.7514	11.92
005YR001HR	smf-3a	86.0014	11.92
005YR001HR	smf-3a	86.2514	11.91
005YR001HR	smf-3a	86.5014	11.91
005YR001HR	smf-3a	86.7514	11.91
005YR001HR	smf-3a	87.0014	11.91
005YR001HR	smf-3a	87.2514	11.91
005YR001HR	smf-3a	87.5014	11.91
005YR001HR	smf-3a	87.7514	11.91
005YR001HR	smf-3a	88.0014	11.91
005YR001HR	smf-3a	88.2514	11.91
005YR001HR	smf-3a	88.5014	11.90
005YR001HR	smf-3a	88.7514	11.90
005YR001HR	smf-3a	89.0014	11.90
005YR001HR	smf-3a	89.2514	11.90
005YR001HR	smf-3a	89.5014	11.90

5yr-1hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR001HR	smf-3b	82.5014	11.27
005YR001HR	smf-3b	82.7514	11.27
005YR001HR	smf-3b	83.0014	11.27
005YR001HR	smf-3b	83.2514	11.26
005YR001HR	smf-3b	83.5014	11.26
005YR001HR	smf-3b	83.7514	11.26
005YR001HR	smf-3b	84.0014	11.26
005YR001HR	smf-3b	84.2514	11.26
005YR001HR	smf-3b	84.5014	11.26
005YR001HR	smf-3b	84.7514	11.26
005YR001HR	smf-3b	85.0014	11.26
005YR001HR	smf-3b	85.2514	11.26
005YR001HR	smf-3b	85.5014	11.25
005YR001HR	smf-3b	85.7514	11.25
005YR001HR	smf-3b	86.0014	11.25
005YR001HR	smf-3b	86.2514	11.25
005YR001HR	smf-3b	86.5014	11.25
005YR001HR	smf-3b	86.7514	11.25
005YR001HR	smf-3b	87.0014	11.25
005YR001HR	smf-3b	87.2514	11.25
005YR001HR	smf-3b	87.5014	11.25
005YR001HR	smf-3b	87.7514	11.25
005YR001HR	smf-3b	88.0014	11.25
005YR001HR	smf-3b	88.2514	11.25
005YR001HR	smf-3b	88.5014	11.25
005YR001HR	smf-3b	88.7514	11.25
005YR001HR	smf-3b	89.0014	11.25
005YR001HR	smf-3b	89.2514	11.25
005YR001HR	smf-3b	89.5014	11.25
005YR001HR	smf-3b	89.7514	11.25
005YR001HR	smf-3b	90.0014	11.25
005YR001HR	smf-3b	90.2514	11.25
005YR001HR	smf-3b	90.5014	11.25
005YR001HR	smf-3b	90.7514	11.25
005YR001HR	smf-3b	91.0014	11.25
005YR001HR	smf-3b	91.2514	11.25
005YR001HR	smf-3b	91.5014	11.25
005YR001HR	smf-3b	91.7514	11.25
005YR001HR	smf-3b	92.0014	11.25
005YR001HR	smf-3b	92.2514	11.25
005YR001HR	smf-3b	92.5014	11.25
005YR001HR	smf-3b	92.7514	11.25

5yr-1hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR002HR	smf-1a	33.2528	12.50
005YR002HR	smf-1a	33.5028	12.49
005YR002HR	smf-1a	33.7528	12.49
005YR002HR	smf-1a	34.0028	12.49
005YR002HR	smf-1a	34.2528	12.49
005YR002HR	smf-1a	34.5028	12.49
005YR002HR	smf-1a	34.7528	12.48
005YR002HR	smf-1a	35.0028	12.48
005YR002HR	smf-1a	35.2528	12.48
005YR002HR	smf-1a	35.5028	12.48
005YR002HR	smf-1a	35.7528	12.48
005YR002HR	smf-1a	36.0028	12.47
005YR002HR	smf-1a	36.2528	12.47
005YR002HR	smf-1a	36.5028	12.47
005YR002HR	smf-1a	36.7528	12.47
005YR002HR	smf-1a	37.0028	12.47
005YR002HR	smf-1a	37.2528	12.47
005YR002HR	smf-1a	37.5028	12.46
005YR002HR	smf-1a	37.7528	12.46
005YR002HR	smf-1a	38.0028	12.46
005YR002HR	smf-1a	38.2528	12.46
005YR002HR	smf-1a	38.5028	12.46
005YR002HR	smf-1a	38.7528	12.46
005YR002HR	smf-1a	39.0028	12.45
005YR002HR	smf-1a	39.2528	12.45
005YR002HR	smf-1a	39.5028	12.45
005YR002HR	smf-1a	39.7528	12.45
005YR002HR	smf-1a	40.0028	12.45
005YR002HR	smf-1a	40.2528	12.45
005YR002HR	smf-1a	40.5028	12.45
005YR002HR	smf-1a	40.7528	12.45
005YR002HR	smf-1a	41.0028	12.45
005YR002HR	smf-1a	41.2528	12.45
005YR002HR	smf-1a	41.5028	12.45
005YR002HR	smf-1a	41.7528	12.45
005YR002HR	smf-1a	42.0028	12.45
005YR002HR	smf-1a	42.2528	12.45
005YR002HR	smf-1a	42.5028	12.45
005YR002HR	smf-1a	42.7528	12.45
005YR002HR	smf-1a	43.0028	12.45
005YR002HR	smf-1a	43.2528	12.45
005YR002HR	smf-1a	43.5028	12.45

5yr-2hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR002HR	smf-1b	67.0028	13.00
005YR002HR	smf-1b	67.2528	13.00
005YR002HR	smf-1b	67.5028	13.00
005YR002HR	smf-1b	67.7528	13.00
005YR002HR	smf-1b	68.0028	13.00
005YR002HR	smf-1b	68.2528	13.00
005YR002HR	smf-1b	68.5028	13.00
005YR002HR	smf-1b	68.7528	13.00
005YR002HR	smf-1b	69.0028	13.00
005YR002HR	smf-1b	69.2528	13.00
005YR002HR	smf-1b	69.5028	13.00
005YR002HR	smf-1b	69.7528	13.00
005YR002HR	smf-1b	70.0028	13.00
005YR002HR	smf-1b	70.2528	13.00
005YR002HR	smf-1b	70.5028	13.00
005YR002HR	smf-1b	70.7528	13.00
005YR002HR	smf-1b	71.0028	13.00
005YR002HR	smf-1b	71.2528	13.00
005YR002HR	smf-1b	71.5028	13.00
005YR002HR	smf-1b	71.7528	13.00
005YR002HR	smf-1b	72.0028	13.00
005YR002HR	smf-1b	72.2528	13.00
005YR002HR	smf-1b	72.5028	13.00
005YR002HR	smf-1b	72.7528	13.00
005YR002HR	smf-1b	73.0028	13.00
005YR002HR	smf-1b	73.2528	13.00
005YR002HR	smf-1b	73.5028	13.00
005YR002HR	smf-1b	73.7528	13.00
005YR002HR	smf-1b	74.0028	13.00
005YR002HR	smf-1b	74.2528	13.00
005YR002HR	smf-1b	74.5028	13.00
005YR002HR	smf-1b	74.7528	13.00
005YR002HR	smf-1b	75.0028	13.00
005YR002HR	smf-1b	75.2528	13.00
005YR002HR	smf-1b	75.5028	13.00
005YR002HR	smf-1b	75.7528	13.00
005YR002HR	smf-1b	76.0028	13.00
005YR002HR	smf-1b	76.2528	13.00
005YR002HR	smf-1b	76.5028	13.00
005YR002HR	smf-1b	76.7528	13.00
005YR002HR	smf-1b	77.0028	13.00
005YR002HR	smf-1b	77.2528	13.00

5yr-2hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR002HR	smf-2a	121.7528	12.13
005YR002HR	smf-2a	122.0028	12.13
005YR002HR	smf-2a	122.2528	12.12
005YR002HR	smf-2a	122.5028	12.12
005YR002HR	smf-2a	122.7528	12.12
005YR002HR	smf-2a	123.0028	12.12
005YR002HR	smf-2a	123.2528	12.12
005YR002HR	smf-2a	123.5028	12.12
005YR002HR	smf-2a	123.7528	12.12
005YR002HR	smf-2a	124.0028	12.12
005YR002HR	smf-2a	124.2528	12.12
005YR002HR	smf-2a	124.5028	12.12
005YR002HR	smf-2a	124.7528	12.12
005YR002HR	smf-2a	125.0028	12.12
005YR002HR	smf-2a	125.2528	12.12
005YR002HR	smf-2a	125.5028	12.12
005YR002HR	smf-2a	125.7528	12.12
005YR002HR	smf-2a	126.0028	12.12
005YR002HR	smf-2a	126.2528	12.11
005YR002HR	smf-2a	126.5028	12.11
005YR002HR	smf-2a	126.7528	12.11
005YR002HR	smf-2a	127.0028	12.11
005YR002HR	smf-2a	127.2528	12.11
005YR002HR	smf-2a	127.5028	12.11
005YR002HR	smf-2a	127.7528	12.11
005YR002HR	smf-2a	128.0028	12.11
005YR002HR	smf-2a	128.2528	12.11
005YR002HR	smf-2a	128.5028	12.11
005YR002HR	smf-2a	128.7528	12.11
005YR002HR	smf-2a	129.0028	12.11
005YR002HR	smf-2a	129.2528	12.11
005YR002HR	smf-2a	129.5028	12.11
005YR002HR	smf-2a	129.7528	12.11
005YR002HR	smf-2a	130.0028	12.11
005YR002HR	smf-2a	130.2528	12.10
005YR002HR	smf-2a	130.5028	12.10
005YR002HR	smf-2a	130.7528	12.10
005YR002HR	smf-2a	131.0028	12.10
005YR002HR	smf-2a	131.2528	12.10
005YR002HR	smf-2a	131.5028	12.10
005YR002HR	smf-2a	131.7528	12.10
005YR002HR	smf-2a	132.0028	12.10

5yr-2hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR002HR	smf-2b	82.0028	11.45
005YR002HR	smf-2b	82.2528	11.45
005YR002HR	smf-2b	82.5028	11.45
005YR002HR	smf-2b	82.7528	11.45
005YR002HR	smf-2b	83.0028	11.44
005YR002HR	smf-2b	83.2528	11.44
005YR002HR	smf-2b	83.5028	11.44
005YR002HR	smf-2b	83.7528	11.44
005YR002HR	smf-2b	84.0028	11.44
005YR002HR	smf-2b	84.2528	11.44
005YR002HR	smf-2b	84.5028	11.44
005YR002HR	smf-2b	84.7528	11.44
005YR002HR	smf-2b	85.0028	11.43
005YR002HR	smf-2b	85.2528	11.43
005YR002HR	smf-2b	85.5028	11.43
005YR002HR	smf-2b	85.7528	11.43
005YR002HR	smf-2b	86.0028	11.43
005YR002HR	smf-2b	86.2528	11.43
005YR002HR	smf-2b	86.5028	11.43
005YR002HR	smf-2b	86.7528	11.43
005YR002HR	smf-2b	87.0028	11.42
005YR002HR	smf-2b	87.2528	11.42
005YR002HR	smf-2b	87.5028	11.42
005YR002HR	smf-2b	87.7528	11.42
005YR002HR	smf-2b	88.0028	11.42
005YR002HR	smf-2b	88.2528	11.42
005YR002HR	smf-2b	88.5028	11.42
005YR002HR	smf-2b	88.7528	11.42
005YR002HR	smf-2b	89.0028	11.42
005YR002HR	smf-2b	89.2528	11.41
005YR002HR	smf-2b	89.5028	11.41
005YR002HR	smf-2b	89.7528	11.41
005YR002HR	smf-2b	90.0028	11.41
005YR002HR	smf-2b	90.2528	11.41
005YR002HR	smf-2b	90.5028	11.41
005YR002HR	smf-2b	90.7528	11.41
005YR002HR	smf-2b	91.0028	11.41
005YR002HR	smf-2b	91.2528	11.41
005YR002HR	smf-2b	91.5028	11.41
005YR002HR	smf-2b	91.7528	11.40
005YR002HR	smf-2b	92.0028	11.40
005YR002HR	smf-2b	92.2528	11.40

5yr-2hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR002HR	smf-2c	115.7528	11.86
005YR002HR	smf-2c	116.0028	11.86
005YR002HR	smf-2c	116.2528	11.86
005YR002HR	smf-2c	116.5028	11.86
005YR002HR	smf-2c	116.7528	11.86
005YR002HR	smf-2c	117.0028	11.86
005YR002HR	smf-2c	117.2528	11.86
005YR002HR	smf-2c	117.5028	11.86
005YR002HR	smf-2c	117.7528	11.86
005YR002HR	smf-2c	118.0028	11.86
005YR002HR	smf-2c	118.2528	11.86
005YR002HR	smf-2c	118.5028	11.86
005YR002HR	smf-2c	118.7528	11.86
005YR002HR	smf-2c	119.0028	11.85
005YR002HR	smf-2c	119.2528	11.85
005YR002HR	smf-2c	119.5028	11.85
005YR002HR	smf-2c	119.7528	11.85
005YR002HR	smf-2c	120.0028	11.85
005YR002HR	smf-2c	120.2528	11.85
005YR002HR	smf-2c	120.5028	11.85
005YR002HR	smf-2c	120.7528	11.85
005YR002HR	smf-2c	121.0028	11.85
005YR002HR	smf-2c	121.2528	11.85
005YR002HR	smf-2c	121.5028	11.85
005YR002HR	smf-2c	121.7528	11.85
005YR002HR	smf-2c	122.0028	11.85
005YR002HR	smf-2c	122.2528	11.85
005YR002HR	smf-2c	122.5028	11.85
005YR002HR	smf-2c	122.7528	11.85
005YR002HR	smf-2c	123.0028	11.85
005YR002HR	smf-2c	123.2528	11.85
005YR002HR	smf-2c	123.5028	11.85
005YR002HR	smf-2c	123.7528	11.85
005YR002HR	smf-2c	124.0028	11.85
005YR002HR	smf-2c	124.2528	11.85
005YR002HR	smf-2c	124.5028	11.85
005YR002HR	smf-2c	124.7528	11.85
005YR002HR	smf-2c	125.0028	11.85
005YR002HR	smf-2c	125.2528	11.85
005YR002HR	smf-2c	125.5028	11.85
005YR002HR	smf-2c	125.7528	11.85
005YR002HR	smf-2c	126.0028	11.85

5yr-2hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR002HR	smf-3a	107.5028	11.91
005YR002HR	smf-3a	107.7528	11.91
005YR002HR	smf-3a	108.0028	11.90
005YR002HR	smf-3a	108.2528	11.90
005YR002HR	smf-3a	108.5028	11.90
005YR002HR	smf-3a	108.7528	11.90
005YR002HR	smf-3a	109.0028	11.90
005YR002HR	smf-3a	109.2528	11.90
005YR002HR	smf-3a	109.5028	11.90
005YR002HR	smf-3a	109.7528	11.90
005YR002HR	smf-3a	110.0028	11.90
005YR002HR	smf-3a	110.2528	11.90
005YR002HR	smf-3a	110.5028	11.90
005YR002HR	smf-3a	110.7528	11.90
005YR002HR	smf-3a	111.0028	11.90
005YR002HR	smf-3a	111.2528	11.90
005YR002HR	smf-3a	111.5028	11.90
005YR002HR	smf-3a	111.7528	11.90
005YR002HR	smf-3a	112.0028	11.90
005YR002HR	smf-3a	112.2528	11.90
005YR002HR	smf-3a	112.5028	11.90
005YR002HR	smf-3a	112.7528	11.90
005YR002HR	smf-3a	113.0028	11.90
005YR002HR	smf-3a	113.2528	11.90
005YR002HR	smf-3a	113.5028	11.90
005YR002HR	smf-3a	113.7528	11.90
005YR002HR	smf-3a	114.0028	11.90
005YR002HR	smf-3a	114.2528	11.90
005YR002HR	smf-3a	114.5028	11.90
005YR002HR	smf-3a	114.7528	11.90
005YR002HR	smf-3a	115.0028	11.90
005YR002HR	smf-3a	115.2528	11.90
005YR002HR	smf-3a	115.5028	11.90
005YR002HR	smf-3a	115.7528	11.90
005YR002HR	smf-3a	116.0028	11.90
005YR002HR	smf-3a	116.2528	11.90
005YR002HR	smf-3a	116.5028	11.90
005YR002HR	smf-3a	116.7528	11.90
005YR002HR	smf-3a	117.0028	11.90
005YR002HR	smf-3a	117.2528	11.90
005YR002HR	smf-3a	117.5028	11.90
005YR002HR	smf-3a	117.7528	11.90

5yr-2hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR002HR	smf-3b	130.7528	11.26
005YR002HR	smf-3b	131.0028	11.25
005YR002HR	smf-3b	131.2528	11.25
005YR002HR	smf-3b	131.5028	11.25
005YR002HR	smf-3b	131.7528	11.25
005YR002HR	smf-3b	132.0028	11.25
005YR002HR	smf-3b	132.2528	11.25
005YR002HR	smf-3b	132.5028	11.25
005YR002HR	smf-3b	132.7528	11.25
005YR002HR	smf-3b	133.0028	11.25
005YR002HR	smf-3b	133.2528	11.25
005YR002HR	smf-3b	133.5028	11.25
005YR002HR	smf-3b	133.7528	11.25
005YR002HR	smf-3b	134.0028	11.25
005YR002HR	smf-3b	134.2528	11.25
005YR002HR	smf-3b	134.5028	11.25
005YR002HR	smf-3b	134.7528	11.25
005YR002HR	smf-3b	135.0028	11.25
005YR002HR	smf-3b	135.2528	11.25
005YR002HR	smf-3b	135.5028	11.25
005YR002HR	smf-3b	135.7528	11.25
005YR002HR	smf-3b	136.0028	11.25
005YR002HR	smf-3b	136.2528	11.25
005YR002HR	smf-3b	136.5028	11.25
005YR002HR	smf-3b	136.7528	11.25
005YR002HR	smf-3b	137.0028	11.25
005YR002HR	smf-3b	137.2528	11.25
005YR002HR	smf-3b	137.5028	11.25
005YR002HR	smf-3b	137.7528	11.25
005YR002HR	smf-3b	138.0028	11.25
005YR002HR	smf-3b	138.2528	11.25
005YR002HR	smf-3b	138.5028	11.25
005YR002HR	smf-3b	138.7528	11.25
005YR002HR	smf-3b	139.0028	11.25
005YR002HR	smf-3b	139.2528	11.25
005YR002HR	smf-3b	139.5028	11.25
005YR002HR	smf-3b	139.7528	11.25
005YR002HR	smf-3b	140.0028	11.25
005YR002HR	smf-3b	140.2528	11.25
005YR002HR	smf-3b	140.5028	11.25
005YR002HR	smf-3b	140.7528	11.25
005YR002HR	smf-3b	141.0028	11.25



Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR004HR	smf-1a	70.0040	12.46
005YR004HR	smf-1a	70.2540	12.46
005YR004HR	smf-1a	70.5040	12.46
005YR004HR	smf-1a	70.7540	12.45
005YR004HR	smf-1a	71.0040	12.45
005YR004HR	smf-1a	71.2540	12.45
005YR004HR	smf-1a	71.5040	12.45
005YR004HR	smf-1a	71.7540	12.45
005YR004HR	smf-1a	72.0040	12.45
005YR004HR	smf-1a	72.2540	12.45
005YR004HR	smf-1a	72.5040	12.45
005YR004HR	smf-1a	72.7540	12.45
005YR004HR	smf-1a	73.0040	12.45
005YR004HR	smf-1a	73.2540	12.45
005YR004HR	smf-1a	73.5040	12.45
005YR004HR	smf-1a	73.7540	12.45
005YR004HR	smf-1a	74.0040	12.45
005YR004HR	smf-1a	74.2540	12.45
005YR004HR	smf-1a	74.5040	12.45
005YR004HR	smf-1a	74.7540	12.45
005YR004HR	smf-1a	75.0040	12.45
005YR004HR	smf-1a	75.2540	12.45
005YR004HR	smf-1a	75.5040	12.45
005YR004HR	smf-1a	75.7540	12.45
005YR004HR	smf-1a	76.0040	12.45
005YR004HR	smf-1a	76.2540	12.45
005YR004HR	smf-1a	76.5040	12.45
005YR004HR	smf-1a	76.7540	12.45
005YR004HR	smf-1a	77.0040	12.45
005YR004HR	smf-1a	77.2540	12.45
005YR004HR	smf-1a	77.5040	12.45
005YR004HR	smf-1a	77.7540	12.45
005YR004HR	smf-1a	78.0040	12.45
005YR004HR	smf-1a	78.2540	12.45
005YR004HR	smf-1a	78.5040	12.45
005YR004HR	smf-1a	78.7540	12.45
005YR004HR	smf-1a	79.0040	12.45
005YR004HR	smf-1a	79.2540	12.45
005YR004HR	smf-1a	79.5040	12.45
005YR004HR	smf-1a	79.7540	12.45
005YR004HR	smf-1a	80.0040	12.45
005YR004HR	smf-1a	80.2540	12.45

5yr-4hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR004HR	smf-1b	80.7540	13.02
005YR004HR	smf-1b	81.0040	13.02
005YR004HR	smf-1b	81.2540	13.02
005YR004HR	smf-1b	81.5040	13.02
005YR004HR	smf-1b	81.7540	13.02
005YR004HR	smf-1b	82.0040	13.02
005YR004HR	smf-1b	82.2540	13.02
005YR004HR	smf-1b	82.5040	13.01
005YR004HR	smf-1b	82.7540	13.01
005YR004HR	smf-1b	83.0040	13.01
005YR004HR	smf-1b	83.2540	13.01
005YR004HR	smf-1b	83.5040	13.01
005YR004HR	smf-1b	83.7540	13.01
005YR004HR	smf-1b	84.0040	13.01
005YR004HR	smf-1b	84.2540	13.01
005YR004HR	smf-1b	84.5040	13.00
005YR004HR	smf-1b	84.7540	13.00
005YR004HR	smf-1b	85.0040	13.00
005YR004HR	smf-1b	85.2540	13.00
005YR004HR	smf-1b	85.5040	13.00
005YR004HR	smf-1b	85.7540	13.00
005YR004HR	smf-1b	86.0040	13.00
005YR004HR	smf-1b	86.2540	13.00
005YR004HR	smf-1b	86.5040	13.00
005YR004HR	smf-1b	86.7540	13.00
005YR004HR	smf-1b	87.0040	13.00
005YR004HR	smf-1b	87.2540	13.00
005YR004HR	smf-1b	87.5040	13.00
005YR004HR	smf-1b	87.7540	13.00
005YR004HR	smf-1b	88.0040	13.00
005YR004HR	smf-1b	88.2540	13.00
005YR004HR	smf-1b	88.5040	13.00
005YR004HR	smf-1b	88.7540	13.00
005YR004HR	smf-1b	89.0040	13.00
005YR004HR	smf-1b	89.2540	13.00
005YR004HR	smf-1b	89.5040	13.00
005YR004HR	smf-1b	89.7540	13.00
005YR004HR	smf-1b	90.0040	13.00
005YR004HR	smf-1b	90.2540	13.00
005YR004HR	smf-1b	90.5040	13.00
005YR004HR	smf-1b	90.7540	13.00
005YR004HR	smf-1b	91.0040	13.00



5yr-4hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR004HR	smf-2a	144.0040	12.12
005YR004HR	smf-2a	144.2540	12.12
005YR004HR	smf-2a	144.5040	12.12
005YR004HR	smf-2a	144.7540	12.12
005YR004HR	smf-2a	145.0040	12.12
005YR004HR	smf-2a	145.2540	12.12
005YR004HR	smf-2a	145.5040	12.12
005YR004HR	smf-2a	145.7540	12.12
005YR004HR	smf-2a	146.0040	12.11
005YR004HR	smf-2a	146.2540	12.11
005YR004HR	smf-2a	146.5040	12.11
005YR004HR	smf-2a	146.7540	12.11
005YR004HR	smf-2a	147.0040	12.11
005YR004HR	smf-2a	147.2540	12.11
005YR004HR	smf-2a	147.5040	12.11
005YR004HR	smf-2a	147.7540	12.11
005YR004HR	smf-2a	148.0040	12.11
005YR004HR	smf-2a	148.2540	12.11
005YR004HR	smf-2a	148.5040	12.11
005YR004HR	smf-2a	148.7540	12.11
005YR004HR	smf-2a	149.0040	12.11
005YR004HR	smf-2a	149.2540	12.11
005YR004HR	smf-2a	149.5040	12.11
005YR004HR	smf-2a	149.7540	12.11
005YR004HR	smf-2a	150.0040	12.11
005YR004HR	smf-2a	150.2540	12.11
005YR004HR	smf-2a	150.5040	12.10
005YR004HR	smf-2a	150.7540	12.10
005YR004HR	smf-2a	151.0040	12.10
005YR004HR	smf-2a	151.2540	12.10
005YR004HR	smf-2a	151.5040	12.10
005YR004HR	smf-2a	151.7540	12.10
005YR004HR	smf-2a	152.0040	12.10
005YR004HR	smf-2a	152.2540	12.10
005YR004HR	smf-2a	152.5040	12.10
005YR004HR	smf-2a	152.7540	12.10
005YR004HR	smf-2a	153.0040	12.10
005YR004HR	smf-2a	153.2540	12.10
005YR004HR	smf-2a	153.5040	12.10
005YR004HR	smf-2a	153.7540	12.10
005YR004HR	smf-2a	154.0040	12.10
005YR004HR	smf-2a	154.2540	12.10

5yr-4hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR004HR	smf-2b	102.2540	11.42
005YR004HR	smf-2b	102.5040	11.42
005YR004HR	smf-2b	102.7540	11.42
005YR004HR	smf-2b	103.0040	11.42
005YR004HR	smf-2b	103.2540	11.42
005YR004HR	smf-2b	103.5040	11.41
005YR004HR	smf-2b	103.7540	11.41
005YR004HR	smf-2b	104.0040	11.41
005YR004HR	smf-2b	104.2540	11.41
005YR004HR	smf-2b	104.5040	11.41
005YR004HR	smf-2b	104.7540	11.41
005YR004HR	smf-2b	105.0040	11.41
005YR004HR	smf-2b	105.2540	11.41
005YR004HR	smf-2b	105.5040	11.41
005YR004HR	smf-2b	105.7540	11.41
005YR004HR	smf-2b	106.0040	11.40
005YR004HR	smf-2b	106.2540	11.40
005YR004HR	smf-2b	106.5040	11.40
005YR004HR	smf-2b	106.7540	11.40
005YR004HR	smf-2b	107.0040	11.40
005YR004HR	smf-2b	107.2540	11.40
005YR004HR	smf-2b	107.5040	11.40
005YR004HR	smf-2b	107.7540	11.40
005YR004HR	smf-2b	108.0040	11.40
005YR004HR	smf-2b	108.2540	11.40
005YR004HR	smf-2b	108.5040	11.40
005YR004HR	smf-2b	108.7540	11.40
005YR004HR	smf-2b	109.0040	11.40
005YR004HR	smf-2b	109.2540	11.40
005YR004HR	smf-2b	109.5040	11.40
005YR004HR	smf-2b	109.7540	11.40
005YR004HR	smf-2b	110.0040	11.40
005YR004HR	smf-2b	110.2540	11.40
005YR004HR	smf-2b	110.5040	11.40
005YR004HR	smf-2b	110.7540	11.40
005YR004HR	smf-2b	111.0040	11.40
005YR004HR	smf-2b	111.2540	11.40
005YR004HR	smf-2b	111.5040	11.40
005YR004HR	smf-2b	111.7540	11.40
005YR004HR	smf-2b	112.0040	11.40
005YR004HR	smf-2b	112.2540	11.40
005YR004HR	smf-2b	112.5040	11.40



5yr-4hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR004HR	smf-2c	134.0040	11.87
005YR004HR	smf-2c	134.2540	11.86
005YR004HR	smf-2c	134.5040	11.86
005YR004HR	smf-2c	134.7540	11.86
005YR004HR	smf-2c	135.0040	11.86
005YR004HR	smf-2c	135.2540	11.86
005YR004HR	smf-2c	135.5040	11.86
005YR004HR	smf-2c	135.7540	11.86
005YR004HR	smf-2c	136.0040	11.86
005YR004HR	smf-2c	136.2540	11.86
005YR004HR	smf-2c	136.5040	11.86
005YR004HR	smf-2c	136.7540	11.86
005YR004HR	smf-2c	137.0040	11.86
005YR004HR	smf-2c	137.2540	11.86
005YR004HR	smf-2c	137.5040	11.86
005YR004HR	smf-2c	137.7540	11.85
005YR004HR	smf-2c	138.0040	11.85
005YR004HR	smf-2c	138.2540	11.85
005YR004HR	smf-2c	138.5040	11.85
005YR004HR	smf-2c	138.7540	11.85
005YR004HR	smf-2c	139.0040	11.85
005YR004HR	smf-2c	139.2540	11.85
005YR004HR	smf-2c	139.5040	11.85
005YR004HR	smf-2c	139.7540	11.85
005YR004HR	smf-2c	140.0040	11.85
005YR004HR	smf-2c	140.2540	11.85
005YR004HR	smf-2c	140.5040	11.85
005YR004HR	smf-2c	140.7540	11.85
005YR004HR	smf-2c	141.0040	11.85
005YR004HR	smf-2c	141.2540	11.85
005YR004HR	smf-2c	141.5040	11.85
005YR004HR	smf-2c	141.7540	11.85
005YR004HR	smf-2c	142.0040	11.85
005YR004HR	smf-2c	142.2540	11.85
005YR004HR	smf-2c	142.5040	11.85
005YR004HR	smf-2c	142.7540	11.85
005YR004HR	smf-2c	143.0040	11.85
005YR004HR	smf-2c	143.2540	11.85
005YR004HR	smf-2c	143.5040	11.85
005YR004HR	smf-2c	143.7540	11.85
005YR004HR	smf-2c	144.0040	11.85
005YR004HR	smf-2c	144.2540	11.85



005YR004HR	smf-2c	137.5040	11.86
005YR004HR	smf-2c	137.7540	11.85
005YR004HR	smf-2c	138.0040	11.85

5yr-4hr SMF-2c

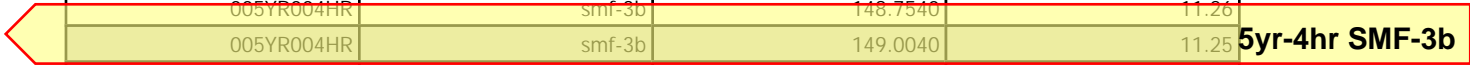
Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR004HR	smf-3a	123.7540	11.91
005YR004HR	smf-3a	124.0040	11.91
005YR004HR	smf-3a	124.2540	11.91
005YR004HR	smf-3a	124.5040	11.91
005YR004HR	smf-3a	124.7540	11.91
005YR004HR	smf-3a	125.0040	11.91
005YR004HR	smf-3a	125.2540	11.91
005YR004HR	smf-3a	125.5040	11.91
005YR004HR	smf-3a	125.7540	11.91
005YR004HR	smf-3a	126.0040	11.91
005YR004HR	smf-3a	126.2540	11.91
005YR004HR	smf-3a	126.5040	11.90
005YR004HR	smf-3a	126.7540	11.90
005YR004HR	smf-3a	127.0040	11.90
005YR004HR	smf-3a	127.2540	11.90
005YR004HR	smf-3a	127.5040	11.90
005YR004HR	smf-3a	127.7540	11.90
005YR004HR	smf-3a	128.0040	11.90
005YR004HR	smf-3a	128.2540	11.90
005YR004HR	smf-3a	128.5040	11.90
005YR004HR	smf-3a	128.7540	11.90
005YR004HR	smf-3a	129.0040	11.90
005YR004HR	smf-3a	129.2540	11.90
005YR004HR	smf-3a	129.5040	11.90
005YR004HR	smf-3a	129.7540	11.90
005YR004HR	smf-3a	130.0040	11.90
005YR004HR	smf-3a	130.2540	11.90
005YR004HR	smf-3a	130.5040	11.90
005YR004HR	smf-3a	130.7540	11.90
005YR004HR	smf-3a	131.0040	11.90
005YR004HR	smf-3a	131.2540	11.90
005YR004HR	smf-3a	131.5040	11.90
005YR004HR	smf-3a	131.7540	11.90
005YR004HR	smf-3a	132.0040	11.90
005YR004HR	smf-3a	132.2540	11.90
005YR004HR	smf-3a	132.5040	11.90
005YR004HR	smf-3a	132.7540	11.90
005YR004HR	smf-3a	133.0040	11.90
005YR004HR	smf-3a	133.2540	11.90
005YR004HR	smf-3a	133.5040	11.90
005YR004HR	smf-3a	133.7540	11.90
005YR004HR	smf-3a	134.0040	11.90

5yr-4hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR004HR	smf-3b	145.0040	11.27
005YR004HR	smf-3b	145.2540	11.27
005YR004HR	smf-3b	145.5040	11.26
005YR004HR	smf-3b	145.7540	11.26
005YR004HR	smf-3b	146.0040	11.26
005YR004HR	smf-3b	146.2540	11.26
005YR004HR	smf-3b	146.5040	11.26
005YR004HR	smf-3b	146.7540	11.26
005YR004HR	smf-3b	147.0040	11.26
005YR004HR	smf-3b	147.2540	11.26
005YR004HR	smf-3b	147.5040	11.26
005YR004HR	smf-3b	147.7540	11.26
005YR004HR	smf-3b	148.0040	11.26
005YR004HR	smf-3b	148.2540	11.26
005YR004HR	smf-3b	148.5040	11.26
005YR004HR	smf-3b	148.7540	11.26
005YR004HR	smf-3b	149.0040	11.25
005YR004HR	smf-3b	149.2540	11.25
005YR004HR	smf-3b	149.5040	11.25
005YR004HR	smf-3b	149.7540	11.25
005YR004HR	smf-3b	150.0040	11.25
005YR004HR	smf-3b	150.2540	11.25
005YR004HR	smf-3b	150.5040	11.25
005YR004HR	smf-3b	150.7540	11.25
005YR004HR	smf-3b	151.0040	11.25
005YR004HR	smf-3b	151.2540	11.25
005YR004HR	smf-3b	151.5040	11.25
005YR004HR	smf-3b	151.7540	11.25
005YR004HR	smf-3b	152.0040	11.25
005YR004HR	smf-3b	152.2540	11.25
005YR004HR	smf-3b	152.5040	11.25
005YR004HR	smf-3b	152.7540	11.25
005YR004HR	smf-3b	153.0040	11.25
005YR004HR	smf-3b	153.2540	11.25
005YR004HR	smf-3b	153.5040	11.25
005YR004HR	smf-3b	153.7540	11.25
005YR004HR	smf-3b	154.0040	11.25
005YR004HR	smf-3b	154.2540	11.25
005YR004HR	smf-3b	154.5040	11.25
005YR004HR	smf-3b	154.7540	11.25
005YR004HR	smf-3b	155.0040	11.25
005YR004HR	smf-3b	155.2540	11.25



Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR008HR	smf-1a	103.2530	12.46
005YR008HR	smf-1a	103.5030	12.46
005YR008HR	smf-1a	103.7530	12.46
005YR008HR	smf-1a	104.0030	12.46
005YR008HR	smf-1a	104.2530	12.46
005YR008HR	smf-1a	104.5030	12.46
005YR008HR	smf-1a	104.7530	12.46
005YR008HR	smf-1a	105.0030	12.46
005YR008HR	smf-1a	105.2530	12.46
005YR008HR	smf-1a	105.5030	12.46
005YR008HR	smf-1a	105.7530	12.45
005YR008HR	smf-1a	106.0030	12.45
005YR008HR	smf-1a	106.2530	12.45
005YR008HR	smf-1a	106.5030	12.45
005YR008HR	smf-1a	106.7530	12.45
005YR008HR	smf-1a	107.0030	12.45
005YR008HR	smf-1a	107.2530	12.45
005YR008HR	smf-1a	107.5030	12.45
005YR008HR	smf-1a	107.7530	12.45
005YR008HR	smf-1a	108.0030	12.45
005YR008HR	smf-1a	108.2530	12.45
005YR008HR	smf-1a	108.5030	12.45
005YR008HR	smf-1a	108.7530	12.45
005YR008HR	smf-1a	109.0030	12.45
005YR008HR	smf-1a	109.2530	12.45
005YR008HR	smf-1a	109.5030	12.45
005YR008HR	smf-1a	109.7530	12.45
005YR008HR	smf-1a	110.0030	12.45
005YR008HR	smf-1a	110.2530	12.45
005YR008HR	smf-1a	110.5030	12.45
005YR008HR	smf-1a	110.7530	12.45
005YR008HR	smf-1a	111.0030	12.45
005YR008HR	smf-1a	111.2530	12.45
005YR008HR	smf-1a	111.5030	12.45
005YR008HR	smf-1a	111.7530	12.45
005YR008HR	smf-1a	112.0030	12.45
005YR008HR	smf-1a	112.2530	12.45
005YR008HR	smf-1a	112.5030	12.45
005YR008HR	smf-1a	112.7530	12.45
005YR008HR	smf-1a	113.0030	12.45
005YR008HR	smf-1a	113.2530	12.45
005YR008HR	smf-1a	113.5030	12.45

5yr-8hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR008HR	smf-1b	110.0030	13.01
005YR008HR	smf-1b	110.2530	13.01
005YR008HR	smf-1b	110.5030	13.00
005YR008HR	smf-1b	110.7530	13.00
005YR008HR	smf-1b	111.0030	13.00
005YR008HR	smf-1b	111.2530	13.00
005YR008HR	smf-1b	111.5030	13.00
005YR008HR	smf-1b	111.7530	13.00
005YR008HR	smf-1b	112.0030	13.00
005YR008HR	smf-1b	112.2530	13.00
005YR008HR	smf-1b	112.5030	13.00
005YR008HR	smf-1b	112.7530	13.00
005YR008HR	smf-1b	113.0030	13.00
005YR008HR	smf-1b	113.2530	13.00
005YR008HR	smf-1b	113.5030	13.00
005YR008HR	smf-1b	113.7530	13.00
005YR008HR	smf-1b	114.0030	13.00
005YR008HR	smf-1b	114.2530	13.00
005YR008HR	smf-1b	114.5030	13.00
005YR008HR	smf-1b	114.7530	13.00
005YR008HR	smf-1b	115.0030	13.00
005YR008HR	smf-1b	115.2530	13.00
005YR008HR	smf-1b	115.5030	13.00
005YR008HR	smf-1b	115.7530	13.00
005YR008HR	smf-1b	116.0030	13.00
005YR008HR	smf-1b	116.2530	13.00
005YR008HR	smf-1b	116.5030	13.00
005YR008HR	smf-1b	116.7530	13.00
005YR008HR	smf-1b	117.0030	13.00
005YR008HR	smf-1b	117.2530	13.00
005YR008HR	smf-1b	117.5030	13.00
005YR008HR	smf-1b	117.7530	13.00
005YR008HR	smf-1b	118.0030	13.00
005YR008HR	smf-1b	118.2530	13.00
005YR008HR	smf-1b	118.5030	13.00
005YR008HR	smf-1b	118.7530	13.00
005YR008HR	smf-1b	119.0030	13.00
005YR008HR	smf-1b	119.2530	13.00
005YR008HR	smf-1b	119.5030	13.00
005YR008HR	smf-1b	119.7530	13.00
005YR008HR	smf-1b	120.0030	13.00
005YR008HR	smf-1b	120.2530	13.00

5yr-8hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR008HR	smf-2a	169.2530	12.12
005YR008HR	smf-2a	169.5030	12.12
005YR008HR	smf-2a	169.7530	12.12
005YR008HR	smf-2a	170.0030	12.12
005YR008HR	smf-2a	170.2530	12.12
005YR008HR	smf-2a	170.5030	12.12
005YR008HR	smf-2a	170.7530	12.12
005YR008HR	smf-2a	171.0030	12.12
005YR008HR	smf-2a	171.2530	12.12
005YR008HR	smf-2a	171.5030	12.12
005YR008HR	smf-2a	171.7530	12.12
005YR008HR	smf-2a	172.0030	12.12
005YR008HR	smf-2a	172.2530	12.12
005YR008HR	smf-2a	172.5030	12.11
005YR008HR	smf-2a	172.7530	12.11
005YR008HR	smf-2a	173.0030	12.11
005YR008HR	smf-2a	173.2530	12.11
005YR008HR	smf-2a	173.5030	12.11
005YR008HR	smf-2a	173.7530	12.11
005YR008HR	smf-2a	174.0030	12.11
005YR008HR	smf-2a	174.2530	12.11
005YR008HR	smf-2a	174.5030	12.11
005YR008HR	smf-2a	174.7530	12.11
005YR008HR	smf-2a	175.0030	12.11
005YR008HR	smf-2a	175.2530	12.11
005YR008HR	smf-2a	175.5030	12.11
005YR008HR	smf-2a	175.7530	12.11
005YR008HR	smf-2a	176.0030	12.11
005YR008HR	smf-2a	176.2530	12.11
005YR008HR	smf-2a	176.5030	12.11
005YR008HR	smf-2a	176.7530	12.11
005YR008HR	smf-2a	177.0030	12.11
005YR008HR	smf-2a	177.2530	12.11
005YR008HR	smf-2a	177.5030	12.10
005YR008HR	smf-2a	177.7530	12.10
005YR008HR	smf-2a	178.0030	12.10
005YR008HR	smf-2a	178.2530	12.10
005YR008HR	smf-2a	178.5030	12.10
005YR008HR	smf-2a	178.7530	12.10
005YR008HR	smf-2a	179.0030	12.10
005YR008HR	smf-2a	179.2530	12.10
005YR008HR	smf-2a	179.5030	12.10

5yr-8hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR008HR	smf-2b	134.0030	11.41
005YR008HR	smf-2b	134.2530	11.41
005YR008HR	smf-2b	134.5030	11.41
005YR008HR	smf-2b	134.7530	11.41
005YR008HR	smf-2b	135.0030	11.41
005YR008HR	smf-2b	135.2530	11.41
005YR008HR	smf-2b	135.5030	11.40
005YR008HR	smf-2b	135.7530	11.40
005YR008HR	smf-2b	136.0030	11.40
005YR008HR	smf-2b	136.2530	11.40
005YR008HR	smf-2b	136.5030	11.40
005YR008HR	smf-2b	136.7530	11.40
005YR008HR	smf-2b	137.0030	11.40
005YR008HR	smf-2b	137.2530	11.40
005YR008HR	smf-2b	137.5030	11.40
005YR008HR	smf-2b	137.7530	11.40
005YR008HR	smf-2b	138.0030	11.40
005YR008HR	smf-2b	138.2530	11.40
005YR008HR	smf-2b	138.5030	11.40
005YR008HR	smf-2b	138.7530	11.40
005YR008HR	smf-2b	139.0030	11.40
005YR008HR	smf-2b	139.2530	11.40
005YR008HR	smf-2b	139.5030	11.40
005YR008HR	smf-2b	139.7530	11.40
005YR008HR	smf-2b	140.0030	11.40
005YR008HR	smf-2b	140.2530	11.40
005YR008HR	smf-2b	140.5030	11.40
005YR008HR	smf-2b	140.7530	11.40
005YR008HR	smf-2b	141.0030	11.40
005YR008HR	smf-2b	141.2530	11.40
005YR008HR	smf-2b	141.5030	11.40
005YR008HR	smf-2b	141.7530	11.40
005YR008HR	smf-2b	142.0030	11.40
005YR008HR	smf-2b	142.2530	11.40
005YR008HR	smf-2b	142.5030	11.40
005YR008HR	smf-2b	142.7530	11.40
005YR008HR	smf-2b	143.0030	11.40
005YR008HR	smf-2b	143.2530	11.40
005YR008HR	smf-2b	143.5030	11.40
005YR008HR	smf-2b	143.7530	11.40
005YR008HR	smf-2b	144.0030	11.40
005YR008HR	smf-2b	144.2530	11.40

5yr-8hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR008HR	smf-2c	161.7530	11.87
005YR008HR	smf-2c	162.0030	11.86
005YR008HR	smf-2c	162.2530	11.86
005YR008HR	smf-2c	162.5030	11.86
005YR008HR	smf-2c	162.7530	11.86
005YR008HR	smf-2c	163.0030	11.86
005YR008HR	smf-2c	163.2530	11.86
005YR008HR	smf-2c	163.5030	11.86
005YR008HR	smf-2c	163.7530	11.86
005YR008HR	smf-2c	164.0030	11.86
005YR008HR	smf-2c	164.2530	11.86
005YR008HR	smf-2c	164.5030	11.86
005YR008HR	smf-2c	164.7530	11.86
005YR008HR	smf-2c	165.0030	11.86
005YR008HR	smf-2c	165.2530	11.86
005YR008HR	smf-2c	165.5030	11.86
005YR008HR	smf-2c	165.7530	11.86
005YR008HR	smf-2c	166.0030	11.86
005YR008HR	smf-2c	166.2530	11.85
005YR008HR	smf-2c	166.5030	11.85
005YR008HR	smf-2c	166.7530	11.85
005YR008HR	smf-2c	167.0030	11.85
005YR008HR	smf-2c	167.2530	11.85
005YR008HR	smf-2c	167.5030	11.85
005YR008HR	smf-2c	167.7530	11.85
005YR008HR	smf-2c	168.0030	11.85
005YR008HR	smf-2c	168.2530	11.85
005YR008HR	smf-2c	168.5030	11.85
005YR008HR	smf-2c	168.7530	11.85
005YR008HR	smf-2c	169.0030	11.85
005YR008HR	smf-2c	169.2530	11.85
005YR008HR	smf-2c	169.5030	11.85
005YR008HR	smf-2c	169.7530	11.85
005YR008HR	smf-2c	170.0030	11.85
005YR008HR	smf-2c	170.2530	11.85
005YR008HR	smf-2c	170.5030	11.85
005YR008HR	smf-2c	170.7530	11.85
005YR008HR	smf-2c	171.0030	11.85
005YR008HR	smf-2c	171.2530	11.85
005YR008HR	smf-2c	171.5030	11.85
005YR008HR	smf-2c	171.7530	11.85
005YR008HR	smf-2c	172.0030	11.85

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR008HR	smf-3a	158.0030	11.91
005YR008HR	smf-3a	158.2530	11.90
005YR008HR	smf-3a	158.5030	11.90
005YR008HR	smf-3a	158.7530	11.90
005YR008HR	smf-3a	159.0030	11.90
005YR008HR	smf-3a	159.2530	11.90
005YR008HR	smf-3a	159.5030	11.90
005YR008HR	smf-3a	159.7530	11.90
005YR008HR	smf-3a	160.0030	11.90
005YR008HR	smf-3a	160.2530	11.90
005YR008HR	smf-3a	160.5030	11.90
005YR008HR	smf-3a	160.7530	11.90
005YR008HR	smf-3a	161.0030	11.90
005YR008HR	smf-3a	161.2530	11.90
005YR008HR	smf-3a	161.5030	11.90
005YR008HR	smf-3a	161.7530	11.90
005YR008HR	smf-3a	162.0030	11.90
005YR008HR	smf-3a	162.2530	11.90
005YR008HR	smf-3a	162.5030	11.90
005YR008HR	smf-3a	162.7530	11.90
005YR008HR	smf-3a	163.0030	11.90
005YR008HR	smf-3a	163.2530	11.90
005YR008HR	smf-3a	163.5030	11.90
005YR008HR	smf-3a	163.7530	11.90
005YR008HR	smf-3a	164.0030	11.90
005YR008HR	smf-3a	164.2530	11.90
005YR008HR	smf-3a	164.5030	11.90
005YR008HR	smf-3a	164.7530	11.90
005YR008HR	smf-3a	165.0030	11.90
005YR008HR	smf-3a	165.2530	11.90
005YR008HR	smf-3a	165.5030	11.90
005YR008HR	smf-3a	165.7530	11.90
005YR008HR	smf-3a	166.0030	11.90
005YR008HR	smf-3a	166.2530	11.90
005YR008HR	smf-3a	166.5030	11.90
005YR008HR	smf-3a	166.7530	11.90
005YR008HR	smf-3a	167.0030	11.90
005YR008HR	smf-3a	167.2530	11.90
005YR008HR	smf-3a	167.5030	11.90
005YR008HR	smf-3a	167.7530	11.90
005YR008HR	smf-3a	168.0030	11.90
005YR008HR	smf-3a	168.2530	11.90

5yr-8hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR008HR	smf-3b	175.2530	11.28
005YR008HR	smf-3b	175.5030	11.28
005YR008HR	smf-3b	175.7530	11.28
005YR008HR	smf-3b	176.0030	11.28
005YR008HR	smf-3b	176.2530	11.27
005YR008HR	smf-3b	176.5030	11.27
005YR008HR	smf-3b	176.7530	11.27
005YR008HR	smf-3b	177.0030	11.27
005YR008HR	smf-3b	177.2530	11.27
005YR008HR	smf-3b	177.5030	11.27
005YR008HR	smf-3b	177.7530	11.27
005YR008HR	smf-3b	178.0030	11.27
005YR008HR	smf-3b	178.2530	11.27
005YR008HR	smf-3b	178.5030	11.27
005YR008HR	smf-3b	178.7530	11.27
005YR008HR	smf-3b	179.0030	11.27
005YR008HR	smf-3b	179.2530	11.27
005YR008HR	smf-3b	179.5030	11.27
005YR008HR	smf-3b	179.7530	11.27
005YR008HR	smf-3b	180.0030	11.27
005YR008HR	smf-3b	180.2530	11.27
005YR008HR	smf-3b	180.5030	11.26
005YR008HR	smf-3b	180.7530	11.26
005YR008HR	smf-3b	181.0030	11.26
005YR008HR	smf-3b	181.2530	11.26
005YR008HR	smf-3b	181.5030	11.26
005YR008HR	smf-3b	181.7530	11.26
005YR008HR	smf-3b	182.0030	11.26
005YR008HR	smf-3b	182.2530	11.26
005YR008HR	smf-3b	182.5030	11.26
005YR008HR	smf-3b	182.7530	11.26
005YR008HR	smf-3b	183.0030	11.26
005YR008HR	smf-3b	183.2530	11.26
005YR008HR	smf-3b	183.5030	11.26
005YR008HR	smf-3b	183.7530	11.26
005YR008HR	smf-3b	184.0030	11.26
005YR008HR	smf-3b	184.2530	11.26
005YR008HR	smf-3b	184.5030	11.26
005YR008HR	smf-3b	184.7530	11.25
005YR008HR	smf-3b	185.0030	11.25
005YR008HR	smf-3b	185.2530	11.25
005YR008HR	smf-3b	185.5030	11.25

5yr-8hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR024HR	smf-1a	266.0066	12.47
005YR024HR	smf-1a	266.2566	12.47
005YR024HR	smf-1a	266.5066	12.47
005YR024HR	smf-1a	266.7566	12.47
005YR024HR	smf-1a	267.0066	12.46
005YR024HR	smf-1a	267.2566	12.46
005YR024HR	smf-1a	267.5066	12.46
005YR024HR	smf-1a	267.7566	12.46
005YR024HR	smf-1a	268.0066	12.46
005YR024HR	smf-1a	268.2566	12.46
005YR024HR	smf-1a	268.5066	12.46
005YR024HR	smf-1a	268.7566	12.46
005YR024HR	smf-1a	269.0066	12.46
005YR024HR	smf-1a	269.2566	12.46
005YR024HR	smf-1a	269.5066	12.46
005YR024HR	smf-1a	269.7566	12.46
005YR024HR	smf-1a	270.0066	12.46
005YR024HR	smf-1a	270.2566	12.46
005YR024HR	smf-1a	270.5066	12.46
005YR024HR	smf-1a	270.7566	12.46
005YR024HR	smf-1a	271.0066	12.46
005YR024HR	smf-1a	271.2566	12.46
005YR024HR	smf-1a	271.5066	12.46
005YR024HR	smf-1a	271.7566	12.46
005YR024HR	smf-1a	272.0066	12.46
005YR024HR	smf-1a	272.2566	12.46
005YR024HR	smf-1a	272.5066	12.46
005YR024HR	smf-1a	272.7566	12.46
005YR024HR	smf-1a	273.0066	12.46
005YR024HR	smf-1a	273.2566	12.46
005YR024HR	smf-1a	273.5066	12.46
005YR024HR	smf-1a	273.7566	12.45
005YR024HR	smf-1a	274.0066	12.45
005YR024HR	smf-1a	274.2566	12.45
005YR024HR	smf-1a	274.5066	12.45
005YR024HR	smf-1a	274.7566	12.45
005YR024HR	smf-1a	275.0066	12.45
005YR024HR	smf-1a	275.2566	12.45
005YR024HR	smf-1a	275.5066	12.45
005YR024HR	smf-1a	275.7566	12.45
005YR024HR	smf-1a	276.0066	12.45
005YR024HR	smf-1a	276.2566	12.45

5yr-24hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR024HR	smf-1b	183.2566	13.03
005YR024HR	smf-1b	183.5066	13.03
005YR024HR	smf-1b	183.7566	13.03
005YR024HR	smf-1b	184.0066	13.02
005YR024HR	smf-1b	184.2566	13.02
005YR024HR	smf-1b	184.5066	13.02
005YR024HR	smf-1b	184.7566	13.02
005YR024HR	smf-1b	185.0066	13.02
005YR024HR	smf-1b	185.2566	13.02
005YR024HR	smf-1b	185.5066	13.02
005YR024HR	smf-1b	185.7566	13.02
005YR024HR	smf-1b	186.0066	13.02
005YR024HR	smf-1b	186.2566	13.02
005YR024HR	smf-1b	186.5066	13.02
005YR024HR	smf-1b	186.7566	13.02
005YR024HR	smf-1b	187.0066	13.02
005YR024HR	smf-1b	187.2566	13.02
005YR024HR	smf-1b	187.5066	13.02
005YR024HR	smf-1b	187.7566	13.02
005YR024HR	smf-1b	188.0066	13.01
005YR024HR	smf-1b	188.2566	13.01
005YR024HR	smf-1b	188.5066	13.01
005YR024HR	smf-1b	188.7566	13.01
005YR024HR	smf-1b	189.0066	13.01
005YR024HR	smf-1b	189.2566	13.01
005YR024HR	smf-1b	189.5066	13.01
005YR024HR	smf-1b	189.7566	13.01
005YR024HR	smf-1b	190.0066	13.01
005YR024HR	smf-1b	190.2566	13.01
005YR024HR	smf-1b	190.5066	13.01
005YR024HR	smf-1b	190.7566	13.01
005YR024HR	smf-1b	191.0066	13.01
005YR024HR	smf-1b	191.2566	13.01
005YR024HR	smf-1b	191.5066	13.01
005YR024HR	smf-1b	191.7566	13.01
005YR024HR	smf-1b	192.0066	13.01
005YR024HR	smf-1b	192.2566	13.01
005YR024HR	smf-1b	192.5066	13.01
005YR024HR	smf-1b	192.7566	13.00
005YR024HR	smf-1b	193.0066	13.00
005YR024HR	smf-1b	193.2566	13.00
005YR024HR	smf-1b	193.5066	13.00

5yr-24hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR024HR	smf-2a	258.0066	12.11
005YR024HR	smf-2a	258.2566	12.11
005YR024HR	smf-2a	258.5066	12.11
005YR024HR	smf-2a	258.7566	12.11
005YR024HR	smf-2a	259.0066	12.11
005YR024HR	smf-2a	259.2566	12.11
005YR024HR	smf-2a	259.5066	12.11
005YR024HR	smf-2a	259.7566	12.11
005YR024HR	smf-2a	260.0066	12.11
005YR024HR	smf-2a	260.2566	12.11
005YR024HR	smf-2a	260.5066	12.11
005YR024HR	smf-2a	260.7566	12.11
005YR024HR	smf-2a	261.0066	12.11
005YR024HR	smf-2a	261.2566	12.11
005YR024HR	smf-2a	261.5066	12.11
005YR024HR	smf-2a	261.7566	12.11
005YR024HR	smf-2a	262.0066	12.10
005YR024HR	smf-2a	262.2566	12.10
005YR024HR	smf-2a	262.5066	12.10
005YR024HR	smf-2a	262.7566	12.10
005YR024HR	smf-2a	263.0066	12.10
005YR024HR	smf-2a	263.2566	12.10
005YR024HR	smf-2a	263.5066	12.10
005YR024HR	smf-2a	263.7566	12.10
005YR024HR	smf-2a	264.0066	12.10
005YR024HR	smf-2a	264.2566	12.10
005YR024HR	smf-2a	264.5066	12.10
005YR024HR	smf-2a	264.7566	12.10
005YR024HR	smf-2a	265.0066	12.10
005YR024HR	smf-2a	265.2566	12.10
005YR024HR	smf-2a	265.5066	12.10
005YR024HR	smf-2a	265.7566	12.10
005YR024HR	smf-2a	266.0066	12.10
005YR024HR	smf-2a	266.2566	12.10
005YR024HR	smf-2a	266.5066	12.10
005YR024HR	smf-2a	266.7566	12.10
005YR024HR	smf-2a	267.0066	12.10
005YR024HR	smf-2a	267.2566	12.10
005YR024HR	smf-2a	267.5066	12.10
005YR024HR	smf-2a	267.7566	12.10
005YR024HR	smf-2a	268.0066	12.10
005YR024HR	smf-2a	268.2566	12.10

5yr-24hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR024HR	smf-2b	206.7566	11.42
005YR024HR	smf-2b	207.0066	11.42
005YR024HR	smf-2b	207.2566	11.42
005YR024HR	smf-2b	207.5066	11.42
005YR024HR	smf-2b	207.7566	11.42
005YR024HR	smf-2b	208.0066	11.41
005YR024HR	smf-2b	208.2566	11.41
005YR024HR	smf-2b	208.5066	11.41
005YR024HR	smf-2b	208.7566	11.41
005YR024HR	smf-2b	209.0066	11.41
005YR024HR	smf-2b	209.2566	11.41
005YR024HR	smf-2b	209.5066	11.41
005YR024HR	smf-2b	209.7566	11.41
005YR024HR	smf-2b	210.0066	11.41
005YR024HR	smf-2b	210.2566	11.41
005YR024HR	smf-2b	210.5066	11.41
005YR024HR	smf-2b	210.7566	11.41
005YR024HR	smf-2b	211.0066	11.41
005YR024HR	smf-2b	211.2566	11.41
005YR024HR	smf-2b	211.5066	11.41
005YR024HR	smf-2b	211.7566	11.41
005YR024HR	smf-2b	212.0066	11.41
005YR024HR	smf-2b	212.2566	11.41
005YR024HR	smf-2b	212.5066	11.41
005YR024HR	smf-2b	212.7566	11.40
005YR024HR	smf-2b	213.0066	11.40
005YR024HR	smf-2b	213.2566	11.40
005YR024HR	smf-2b	213.5066	11.40
005YR024HR	smf-2b	213.7566	11.40
005YR024HR	smf-2b	214.0066	11.40
005YR024HR	smf-2b	214.2566	11.40
005YR024HR	smf-2b	214.5066	11.40
005YR024HR	smf-2b	214.7566	11.40
005YR024HR	smf-2b	215.0066	11.40
005YR024HR	smf-2b	215.2566	11.40
005YR024HR	smf-2b	215.5066	11.40
005YR024HR	smf-2b	215.7566	11.40
005YR024HR	smf-2b	216.0066	11.40
005YR024HR	smf-2b	216.2566	11.40
005YR024HR	smf-2b	216.5066	11.40
005YR024HR	smf-2b	216.7566	11.40
005YR024HR	smf-2b	217.0066	11.40

5yr-24hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR024HR	smf-2c	239.5066	11.87
005YR024HR	smf-2c	239.7566	11.87
005YR024HR	smf-2c	240.0066	11.87
005YR024HR	smf-2c	240.2566	11.87
005YR024HR	smf-2c	240.5066	11.87
005YR024HR	smf-2c	240.7566	11.87
005YR024HR	smf-2c	241.0066	11.87
005YR024HR	smf-2c	241.2566	11.87
005YR024HR	smf-2c	241.5066	11.87
005YR024HR	smf-2c	241.7566	11.87
005YR024HR	smf-2c	242.0066	11.87
005YR024HR	smf-2c	242.2566	11.87
005YR024HR	smf-2c	242.5066	11.87
005YR024HR	smf-2c	242.7566	11.87
005YR024HR	smf-2c	243.0066	11.87
005YR024HR	smf-2c	243.2566	11.87
005YR024HR	smf-2c	243.5066	11.86
005YR024HR	smf-2c	243.7566	11.86
005YR024HR	smf-2c	244.0066	11.86
005YR024HR	smf-2c	244.2566	11.86
005YR024HR	smf-2c	244.5066	11.86
005YR024HR	smf-2c	244.7566	11.86
005YR024HR	smf-2c	245.0066	11.86
005YR024HR	smf-2c	245.2566	11.86
005YR024HR	smf-2c	245.5066	11.86
005YR024HR	smf-2c	245.7566	11.86
005YR024HR	smf-2c	246.0066	11.86
005YR024HR	smf-2c	246.2566	11.86
005YR024HR	smf-2c	246.5066	11.86
005YR024HR	smf-2c	246.7566	11.86
005YR024HR	smf-2c	247.0066	11.86
005YR024HR	smf-2c	247.2566	11.86
005YR024HR	smf-2c	247.5066	11.86
005YR024HR	smf-2c	247.7566	11.86
005YR024HR	smf-2c	248.0066	11.86
005YR024HR	smf-2c	248.2566	11.86
005YR024HR	smf-2c	248.5066	11.86
005YR024HR	smf-2c	248.7566	11.86
005YR024HR	smf-2c	249.0066	11.86
005YR024HR	smf-2c	249.2566	11.86
005YR024HR	smf-2c	249.5066	11.85
005YR024HR	smf-2c	249.7566	11.85

5yr-24hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR024HR	smf-3a	251.2566	11.92
005YR024HR	smf-3a	251.5066	11.92
005YR024HR	smf-3a	251.7566	11.92
005YR024HR	smf-3a	252.0066	11.92
005YR024HR	smf-3a	252.2566	11.92
005YR024HR	smf-3a	252.5066	11.92
005YR024HR	smf-3a	252.7566	11.92
005YR024HR	smf-3a	253.0066	11.92
005YR024HR	smf-3a	253.2566	11.92
005YR024HR	smf-3a	253.5066	11.91
005YR024HR	smf-3a	253.7566	11.91
005YR024HR	smf-3a	254.0066	11.91
005YR024HR	smf-3a	254.2566	11.91
005YR024HR	smf-3a	254.5066	11.91
005YR024HR	smf-3a	254.7566	11.91
005YR024HR	smf-3a	255.0066	11.91
005YR024HR	smf-3a	255.2566	11.91
005YR024HR	smf-3a	255.5066	11.91
005YR024HR	smf-3a	255.7566	11.91
005YR024HR	smf-3a	256.0066	11.91
005YR024HR	smf-3a	256.2566	11.91
005YR024HR	smf-3a	256.5066	11.91
005YR024HR	smf-3a	256.7566	11.91
005YR024HR	smf-3a	257.0066	11.91
005YR024HR	smf-3a	257.2566	11.91
005YR024HR	smf-3a	257.5066	11.91
005YR024HR	smf-3a	257.7566	11.91
005YR024HR	smf-3a	258.0066	11.91
005YR024HR	smf-3a	258.2566	11.91
005YR024HR	smf-3a	258.5066	11.91
005YR024HR	smf-3a	258.7566	11.91
005YR024HR	smf-3a	259.0066	11.91
005YR024HR	smf-3a	259.2566	11.91
005YR024HR	smf-3a	259.5066	11.90
005YR024HR	smf-3a	259.7566	11.90
005YR024HR	smf-3a	260.0066	11.90
005YR024HR	smf-3a	260.2566	11.90
005YR024HR	smf-3a	260.5066	11.90
005YR024HR	smf-3a	260.7566	11.90
005YR024HR	smf-3a	261.0066	11.90
005YR024HR	smf-3a	261.2566	11.90
005YR024HR	smf-3a	261.5066	11.90

5yr-24hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR024HR	smf-3b	284.0066	11.26
005YR024HR	smf-3b	284.2566	11.26
005YR024HR	smf-3b	284.5066	11.26
005YR024HR	smf-3b	284.7566	11.26
005YR024HR	smf-3b	285.0066	11.26
005YR024HR	smf-3b	285.2566	11.26
005YR024HR	smf-3b	285.5066	11.26
005YR024HR	smf-3b	285.7566	11.26
005YR024HR	smf-3b	286.0066	11.26
005YR024HR	smf-3b	286.2566	11.26
005YR024HR	smf-3b	286.5066	11.26
005YR024HR	smf-3b	286.7566	11.26
005YR024HR	smf-3b	287.0066	11.26
005YR024HR	smf-3b	287.2566	11.26
005YR024HR	smf-3b	287.5066	11.26
005YR024HR	smf-3b	287.7566	11.26
005YR024HR	smf-3b	288.0066	11.25
005YR024HR	smf-3b	288.2566	11.25
005YR024HR	smf-3b	288.5066	11.25
005YR024HR	smf-3b	288.7566	11.25
005YR024HR	smf-3b	289.0066	11.25
005YR024HR	smf-3b	289.2566	11.25
005YR024HR	smf-3b	289.5066	11.25
005YR024HR	smf-3b	289.7566	11.25
005YR024HR	smf-3b	290.0066	11.25
005YR024HR	smf-3b	290.2566	11.25
005YR024HR	smf-3b	290.5066	11.25
005YR024HR	smf-3b	290.7566	11.25
005YR024HR	smf-3b	291.0066	11.25
005YR024HR	smf-3b	291.2566	11.25
005YR024HR	smf-3b	291.5066	11.25
005YR024HR	smf-3b	291.7566	11.25
005YR024HR	smf-3b	292.0066	11.25
005YR024HR	smf-3b	292.2566	11.25
005YR024HR	smf-3b	292.5066	11.25
005YR024HR	smf-3b	292.7566	11.25
005YR024HR	smf-3b	293.0066	11.25
005YR024HR	smf-3b	293.2566	11.25
005YR024HR	smf-3b	293.5066	11.25
005YR024HR	smf-3b	293.7566	11.25
005YR024HR	smf-3b	294.0066	11.25
005YR024HR	smf-3b	294.2566	11.25

5yr-24hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR072HR	smf-1a	400.7567	12.46
005YR072HR	smf-1a	401.0067	12.46
005YR072HR	smf-1a	401.2567	12.46
005YR072HR	smf-1a	401.5067	12.46
005YR072HR	smf-1a	401.7567	12.46
005YR072HR	smf-1a	402.0067	12.46
005YR072HR	smf-1a	402.2567	12.46
005YR072HR	smf-1a	402.5067	12.46
005YR072HR	smf-1a	402.7567	12.46
005YR072HR	smf-1a	403.0067	12.46
005YR072HR	smf-1a	403.2567	12.46
005YR072HR	smf-1a	403.5067	12.46
005YR072HR	smf-1a	403.7567	12.46
005YR072HR	smf-1a	404.0067	12.46
005YR072HR	smf-1a	404.2567	12.45
005YR072HR	smf-1a	404.5067	12.45
005YR072HR	smf-1a	404.7567	12.45
005YR072HR	smf-1a	405.0067	12.45
005YR072HR	smf-1a	405.2567	12.45
005YR072HR	smf-1a	405.5067	12.45
005YR072HR	smf-1a	405.7567	12.45
005YR072HR	smf-1a	406.0067	12.45
005YR072HR	smf-1a	406.2567	12.45
005YR072HR	smf-1a	406.5067	12.45
005YR072HR	smf-1a	406.7567	12.45
005YR072HR	smf-1a	407.0067	12.45
005YR072HR	smf-1a	407.2567	12.45
005YR072HR	smf-1a	407.5067	12.45
005YR072HR	smf-1a	407.7567	12.45
005YR072HR	smf-1a	408.0067	12.45
005YR072HR	smf-1a	408.2567	12.45
005YR072HR	smf-1a	408.5067	12.45
005YR072HR	smf-1a	408.7567	12.45
005YR072HR	smf-1a	409.0067	12.45
005YR072HR	smf-1a	409.2567	12.45
005YR072HR	smf-1a	409.5067	12.45
005YR072HR	smf-1a	409.7567	12.45
005YR072HR	smf-1a	410.0067	12.45
005YR072HR	smf-1a	410.2567	12.45
005YR072HR	smf-1a	410.5067	12.45
005YR072HR	smf-1a	410.7567	12.45
005YR072HR	smf-1a	411.0067	12.45



5yr-72hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR072HR	smf-1b	406.5067	13.01
005YR072HR	smf-1b	406.7567	13.01
005YR072HR	smf-1b	407.0067	13.00
005YR072HR	smf-1b	407.2567	13.00
005YR072HR	smf-1b	407.5067	13.00
005YR072HR	smf-1b	407.7567	13.00
005YR072HR	smf-1b	408.0067	13.00
005YR072HR	smf-1b	408.2567	13.00
005YR072HR	smf-1b	408.5067	13.00
005YR072HR	smf-1b	408.7567	13.00
005YR072HR	smf-1b	409.0067	13.00
005YR072HR	smf-1b	409.2567	13.00
005YR072HR	smf-1b	409.5067	13.00
005YR072HR	smf-1b	409.7567	13.00
005YR072HR	smf-1b	410.0067	13.00
005YR072HR	smf-1b	410.2567	13.00
005YR072HR	smf-1b	410.5067	13.00
005YR072HR	smf-1b	410.7567	13.00
005YR072HR	smf-1b	411.0067	13.00
005YR072HR	smf-1b	411.2567	13.00
005YR072HR	smf-1b	411.5067	13.00
005YR072HR	smf-1b	411.7567	13.00
005YR072HR	smf-1b	412.0067	13.00
005YR072HR	smf-1b	412.2567	13.00
005YR072HR	smf-1b	412.5067	13.00
005YR072HR	smf-1b	412.7567	13.00
005YR072HR	smf-1b	413.0067	13.00
005YR072HR	smf-1b	413.2567	13.00
005YR072HR	smf-1b	413.5067	13.00
005YR072HR	smf-1b	413.7567	13.00
005YR072HR	smf-1b	414.0067	13.00
005YR072HR	smf-1b	414.2567	13.00
005YR072HR	smf-1b	414.5067	13.00
005YR072HR	smf-1b	414.7567	13.00
005YR072HR	smf-1b	415.0067	13.00
005YR072HR	smf-1b	415.2567	13.00
005YR072HR	smf-1b	415.5067	13.00
005YR072HR	smf-1b	415.7567	13.00
005YR072HR	smf-1b	416.0067	13.00
005YR072HR	smf-1b	416.2567	13.00
005YR072HR	smf-1b	416.5067	13.00
005YR072HR	smf-1b	416.7567	13.00

5yr-72hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR072HR	smf-2a	454.2567	12.11
005YR072HR	smf-2a	454.5067	12.11
005YR072HR	smf-2a	454.7567	12.11
005YR072HR	smf-2a	455.0067	12.11
005YR072HR	smf-2a	455.2567	12.11
005YR072HR	smf-2a	455.5067	12.11
005YR072HR	smf-2a	455.7567	12.11
005YR072HR	smf-2a	456.0067	12.11
005YR072HR	smf-2a	456.2567	12.11
005YR072HR	smf-2a	456.5067	12.11
005YR072HR	smf-2a	456.7567	12.11
005YR072HR	smf-2a	457.0067	12.11
005YR072HR	smf-2a	457.2567	12.11
005YR072HR	smf-2a	457.5067	12.11
005YR072HR	smf-2a	457.7567	12.11
005YR072HR	smf-2a	458.0067	12.11
005YR072HR	smf-2a	458.2567	12.11
005YR072HR	smf-2a	458.5067	12.11
005YR072HR	smf-2a	458.7567	12.11
005YR072HR	smf-2a	459.0067	12.11
005YR072HR	smf-2a	459.2567	12.10
005YR072HR	smf-2a	459.5067	12.10
005YR072HR	smf-2a	459.7567	12.10
005YR072HR	smf-2a	460.0067	12.10
005YR072HR	smf-2a	460.2567	12.10
005YR072HR	smf-2a	460.5067	12.10
005YR072HR	smf-2a	460.7567	12.10
005YR072HR	smf-2a	461.0067	12.10
005YR072HR	smf-2a	461.2567	12.10
005YR072HR	smf-2a	461.5067	12.10
005YR072HR	smf-2a	461.7567	12.10
005YR072HR	smf-2a	462.0067	12.10
005YR072HR	smf-2a	462.2567	12.10
005YR072HR	smf-2a	462.5067	12.10
005YR072HR	smf-2a	462.7567	12.10
005YR072HR	smf-2a	463.0067	12.10
005YR072HR	smf-2a	463.2567	12.10
005YR072HR	smf-2a	463.5067	12.10
005YR072HR	smf-2a	463.7567	12.10
005YR072HR	smf-2a	464.0067	12.10
005YR072HR	smf-2a	464.2567	12.10
005YR072HR	smf-2a	464.5067	12.10



005YR072HR	smf-2a	459.2567	12.10
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5yr-72hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR072HR	smf-2b	344.5067	11.42
005YR072HR	smf-2b	344.7567	11.41
005YR072HR	smf-2b	345.0067	11.41
005YR072HR	smf-2b	345.2567	11.41
005YR072HR	smf-2b	345.5067	11.41
005YR072HR	smf-2b	345.7567	11.41
005YR072HR	smf-2b	346.0067	11.41
005YR072HR	smf-2b	346.2567	11.41
005YR072HR	smf-2b	346.5067	11.41
005YR072HR	smf-2b	346.7567	11.41
005YR072HR	smf-2b	347.0067	11.41
005YR072HR	smf-2b	347.2567	11.41
005YR072HR	smf-2b	347.5067	11.41
005YR072HR	smf-2b	347.7567	11.41
005YR072HR	smf-2b	348.0067	11.41
005YR072HR	smf-2b	348.2567	11.41
005YR072HR	smf-2b	348.5067	11.41
005YR072HR	smf-2b	348.7567	11.41
005YR072HR	smf-2b	349.0067	11.41
005YR072HR	smf-2b	349.2567	11.41
005YR072HR	smf-2b	349.5067	11.41
005YR072HR	smf-2b	349.7567	11.41
005YR072HR	smf-2b	350.0067	11.41
005YR072HR	smf-2b	350.2567	11.41
005YR072HR	smf-2b	350.5067	11.41
005YR072HR	smf-2b	350.7567	11.41
005YR072HR	smf-2b	351.0067	11.41
005YR072HR	smf-2b	351.2567	11.41
005YR072HR	smf-2b	351.5067	11.41
005YR072HR	smf-2b	351.7567	11.41
005YR072HR	smf-2b	352.0067	11.41
005YR072HR	smf-2b	352.2567	11.40
005YR072HR	smf-2b	352.5067	11.40
005YR072HR	smf-2b	352.7567	11.40
005YR072HR	smf-2b	353.0067	11.40
005YR072HR	smf-2b	353.2567	11.40
005YR072HR	smf-2b	353.5067	11.40
005YR072HR	smf-2b	353.7567	11.40
005YR072HR	smf-2b	354.0067	11.40
005YR072HR	smf-2b	354.2567	11.40
005YR072HR	smf-2b	354.5067	11.40
005YR072HR	smf-2b	354.7567	11.40

5yr-72hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR072HR	smf-2c	423.7567	11.86
005YR072HR	smf-2c	424.0067	11.86
005YR072HR	smf-2c	424.2567	11.86
005YR072HR	smf-2c	424.5067	11.85
005YR072HR	smf-2c	424.7567	11.85
005YR072HR	smf-2c	425.0067	11.85
005YR072HR	smf-2c	425.2567	11.85
005YR072HR	smf-2c	425.5067	11.85
005YR072HR	smf-2c	425.7567	11.85
005YR072HR	smf-2c	426.0067	11.85
005YR072HR	smf-2c	426.2567	11.85
005YR072HR	smf-2c	426.5067	11.85
005YR072HR	smf-2c	426.7567	11.85
005YR072HR	smf-2c	427.0067	11.85
005YR072HR	smf-2c	427.2567	11.85
005YR072HR	smf-2c	427.5067	11.85
005YR072HR	smf-2c	427.7567	11.85
005YR072HR	smf-2c	428.0067	11.85
005YR072HR	smf-2c	428.2567	11.85
005YR072HR	smf-2c	428.5067	11.85
005YR072HR	smf-2c	428.7567	11.85
005YR072HR	smf-2c	429.0067	11.85
005YR072HR	smf-2c	429.2567	11.85
005YR072HR	smf-2c	429.5067	11.85
005YR072HR	smf-2c	429.7567	11.85
005YR072HR	smf-2c	430.0067	11.85
005YR072HR	smf-2c	430.2567	11.85
005YR072HR	smf-2c	430.5067	11.85
005YR072HR	smf-2c	430.7567	11.85
005YR072HR	smf-2c	431.0067	11.85
005YR072HR	smf-2c	431.2567	11.85
005YR072HR	smf-2c	431.5067	11.85
005YR072HR	smf-2c	431.7567	11.85
005YR072HR	smf-2c	432.0067	11.85
005YR072HR	smf-2c	432.2567	11.85
005YR072HR	smf-2c	432.5067	11.85
005YR072HR	smf-2c	432.7567	11.85
005YR072HR	smf-2c	433.0067	11.85
005YR072HR	smf-2c	433.2567	11.85
005YR072HR	smf-2c	433.5067	11.85
005YR072HR	smf-2c	433.7567	11.85
005YR072HR	smf-2c	434.0067	11.85

5yr-72hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR072HR	smf-3a	524.0067	11.90
005YR072HR	smf-3a	524.2567	11.90
005YR072HR	smf-3a	524.5067	11.90
005YR072HR	smf-3a	524.7567	11.90
005YR072HR	smf-3a	525.0067	11.90
005YR072HR	smf-3a	525.2567	11.90
005YR072HR	smf-3a	525.5067	11.90
005YR072HR	smf-3a	525.7567	11.90
005YR072HR	smf-3a	526.0067	11.90
005YR072HR	smf-3a	526.2567	11.90
005YR072HR	smf-3a	526.5067	11.90
005YR072HR	smf-3a	526.7567	11.90
005YR072HR	smf-3a	527.0067	11.90
005YR072HR	smf-3a	527.2567	11.90
005YR072HR	smf-3a	527.5067	11.90
005YR072HR	smf-3a	527.7567	11.90
005YR072HR	smf-3a	528.0067	11.90
005YR072HR	smf-3a	528.2567	11.90
005YR072HR	smf-3a	528.5067	11.90
005YR072HR	smf-3a	528.7567	11.90
005YR072HR	smf-3a	529.0067	11.90
005YR072HR	smf-3a	529.2567	11.90
005YR072HR	smf-3a	529.5067	11.90
005YR072HR	smf-3a	529.7567	11.90
005YR072HR	smf-3a	530.0067	11.90
005YR072HR	smf-3a	530.2567	11.90
005YR072HR	smf-3a	530.5067	11.90
005YR072HR	smf-3a	530.7567	11.90
005YR072HR	smf-3a	531.0067	11.90
005YR072HR	smf-3a	531.2567	11.90
005YR072HR	smf-3a	531.5067	11.90
005YR072HR	smf-3a	531.7567	11.90
005YR072HR	smf-3a	532.0067	11.90
005YR072HR	smf-3a	532.2567	11.90
005YR072HR	smf-3a	532.5067	11.90
005YR072HR	smf-3a	532.7567	11.90
005YR072HR	smf-3a	533.0067	11.90
005YR072HR	smf-3a	533.2567	11.90
005YR072HR	smf-3a	533.5067	11.90
005YR072HR	smf-3a	533.7567	11.90
005YR072HR	smf-3a	534.0067	11.90
005YR072HR	smf-3a	534.2567	11.90

5yr-72hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
005YR072HR	smf-3b	498.2567	11.26
005YR072HR	smf-3b	498.5067	11.26
005YR072HR	smf-3b	498.7567	11.26
005YR072HR	smf-3b	499.0067	11.26
005YR072HR	smf-3b	499.2567	11.26
005YR072HR	smf-3b	499.5067	11.26
005YR072HR	smf-3b	499.7567	11.26
005YR072HR	smf-3b	500.0067	11.26
005YR072HR	smf-3b	500.2567	11.26
005YR072HR	smf-3b	500.5067	11.26
005YR072HR	smf-3b	500.7567	11.26
005YR072HR	smf-3b	501.0067	11.26
005YR072HR	smf-3b	501.2567	11.26
005YR072HR	smf-3b	501.5067	11.26
005YR072HR	smf-3b	501.7567	11.26
005YR072HR	smf-3b	502.0067	11.26
005YR072HR	smf-3b	502.2567	11.26
005YR072HR	smf-3b	502.5067	11.26
005YR072HR	smf-3b	502.7567	11.26
005YR072HR	smf-3b	503.0067	11.26
005YR072HR	smf-3b	503.2567	11.26
005YR072HR	smf-3b	503.5067	11.26
005YR072HR	smf-3b	503.7567	11.26
005YR072HR	smf-3b	504.0067	11.26
005YR072HR	smf-3b	504.2567	11.26
005YR072HR	smf-3b	504.5067	11.26
005YR072HR	smf-3b	504.7567	11.26
005YR072HR	smf-3b	505.0067	11.26
005YR072HR	smf-3b	505.2567	11.26
005YR072HR	smf-3b	505.5067	11.26
005YR072HR	smf-3b	505.7567	11.26
005YR072HR	smf-3b	506.0067	11.25
005YR072HR	smf-3b	506.2567	11.25
005YR072HR	smf-3b	506.5067	11.25
005YR072HR	smf-3b	506.7567	11.25
005YR072HR	smf-3b	507.0067	11.25
005YR072HR	smf-3b	507.2567	11.25
005YR072HR	smf-3b	507.5067	11.25
005YR072HR	smf-3b	507.7567	11.25
005YR072HR	smf-3b	508.0067	11.25
005YR072HR	smf-3b	508.2567	11.25
005YR072HR	smf-3b	508.5067	11.25



005YR072HR	smf-3b	506.0067	11.25
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5yr-72hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR001HR	smf-1a	21.0066	12.52
010YR001HR	smf-1a	21.2566	12.52
010YR001HR	smf-1a	21.5066	12.51
010YR001HR	smf-1a	21.7566	12.51
010YR001HR	smf-1a	22.0066	12.51
010YR001HR	smf-1a	22.2566	12.51
010YR001HR	smf-1a	22.5066	12.50
010YR001HR	smf-1a	22.7566	12.50
010YR001HR	smf-1a	23.0066	12.50
010YR001HR	smf-1a	23.2566	12.50
010YR001HR	smf-1a	23.5066	12.49
010YR001HR	smf-1a	23.7566	12.49
010YR001HR	smf-1a	24.0066	12.49
010YR001HR	smf-1a	24.2566	12.48
010YR001HR	smf-1a	24.5066	12.48
010YR001HR	smf-1a	24.7566	12.48
010YR001HR	smf-1a	25.0066	12.48
010YR001HR	smf-1a	25.2566	12.48
010YR001HR	smf-1a	25.5066	12.47
010YR001HR	smf-1a	25.7566	12.47
010YR001HR	smf-1a	26.0066	12.47
010YR001HR	smf-1a	26.2566	12.47
010YR001HR	smf-1a	26.5066	12.46
010YR001HR	smf-1a	26.7566	12.46
010YR001HR	smf-1a	27.0066	12.46
010YR001HR	smf-1a	27.2566	12.46
010YR001HR	smf-1a	27.5066	12.46
010YR001HR	smf-1a	27.7566	12.45
010YR001HR	smf-1a	28.0066	12.45
010YR001HR	smf-1a	28.2566	12.45
010YR001HR	smf-1a	28.5066	12.45
010YR001HR	smf-1a	28.7566	12.45
010YR001HR	smf-1a	29.0066	12.45
010YR001HR	smf-1a	29.2566	12.45
010YR001HR	smf-1a	29.5066	12.45
010YR001HR	smf-1a	29.7566	12.45
010YR001HR	smf-1a	30.0066	12.45
010YR001HR	smf-1a	30.2566	12.45
010YR001HR	smf-1a	30.5066	12.45
010YR001HR	smf-1a	30.7566	12.45
010YR001HR	smf-1a	31.0066	12.45
010YR001HR	smf-1a	31.2566	12.45

10yr-1hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR001HR	smf-1b	45.2566	13.06
010YR001HR	smf-1b	45.5066	13.06
010YR001HR	smf-1b	45.7566	13.06
010YR001HR	smf-1b	46.0066	13.06
010YR001HR	smf-1b	46.2566	13.05
010YR001HR	smf-1b	46.5066	13.05
010YR001HR	smf-1b	46.7566	13.05
010YR001HR	smf-1b	47.0066	13.05
010YR001HR	smf-1b	47.2566	13.05
010YR001HR	smf-1b	47.5066	13.04
010YR001HR	smf-1b	47.7566	13.04
010YR001HR	smf-1b	48.0066	13.04
010YR001HR	smf-1b	48.2566	13.04
010YR001HR	smf-1b	48.5066	13.04
010YR001HR	smf-1b	48.7566	13.03
010YR001HR	smf-1b	49.0066	13.03
010YR001HR	smf-1b	49.2566	13.03
010YR001HR	smf-1b	49.5066	13.03
010YR001HR	smf-1b	49.7566	13.03
010YR001HR	smf-1b	50.0066	13.02
010YR001HR	smf-1b	50.2566	13.02
010YR001HR	smf-1b	50.5066	13.02
010YR001HR	smf-1b	50.7566	13.02
010YR001HR	smf-1b	51.0066	13.02
010YR001HR	smf-1b	51.2566	13.01
010YR001HR	smf-1b	51.5066	13.01
010YR001HR	smf-1b	51.7566	13.01
010YR001HR	smf-1b	52.0066	13.01
010YR001HR	smf-1b	52.2566	13.01
010YR001HR	smf-1b	52.5066	13.01
010YR001HR	smf-1b	52.7566	13.00
010YR001HR	smf-1b	53.0066	13.00
010YR001HR	smf-1b	53.2566	13.00
010YR001HR	smf-1b	53.5066	13.00
010YR001HR	smf-1b	53.7566	13.00
010YR001HR	smf-1b	54.0066	13.00
010YR001HR	smf-1b	54.2566	13.00
010YR001HR	smf-1b	54.5066	13.00
010YR001HR	smf-1b	54.7566	13.00
010YR001HR	smf-1b	55.0066	13.00
010YR001HR	smf-1b	55.2566	13.00
010YR001HR	smf-1b	55.5066	13.00

10yr-1hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR001HR	smf-2a	111.5066	12.11
010YR001HR	smf-2a	111.7566	12.11
010YR001HR	smf-2a	112.0066	12.11
010YR001HR	smf-2a	112.2566	12.11
010YR001HR	smf-2a	112.5066	12.11
010YR001HR	smf-2a	112.7566	12.11
010YR001HR	smf-2a	113.0066	12.11
010YR001HR	smf-2a	113.2566	12.11
010YR001HR	smf-2a	113.5066	12.11
010YR001HR	smf-2a	113.7566	12.11
010YR001HR	smf-2a	114.0066	12.11
010YR001HR	smf-2a	114.2566	12.11
010YR001HR	smf-2a	114.5066	12.11
010YR001HR	smf-2a	114.7566	12.11
010YR001HR	smf-2a	115.0066	12.11
010YR001HR	smf-2a	115.2566	12.10
010YR001HR	smf-2a	115.5066	12.10
010YR001HR	smf-2a	115.7566	12.10
010YR001HR	smf-2a	116.0066	12.10
010YR001HR	smf-2a	116.2566	12.10
010YR001HR	smf-2a	116.5066	12.10
010YR001HR	smf-2a	116.7566	12.10
010YR001HR	smf-2a	117.0066	12.10
010YR001HR	smf-2a	117.2566	12.10
010YR001HR	smf-2a	117.5066	12.10
010YR001HR	smf-2a	117.7566	12.10
010YR001HR	smf-2a	118.0066	12.10
010YR001HR	smf-2a	118.2566	12.10
010YR001HR	smf-2a	118.5066	12.10
010YR001HR	smf-2a	118.7566	12.10
010YR001HR	smf-2a	119.0066	12.10
010YR001HR	smf-2a	119.2566	12.10
010YR001HR	smf-2a	119.5066	12.10
010YR001HR	smf-2a	119.7566	12.10
010YR001HR	smf-2a	120.0066	12.10
010YR001HR	smf-2a	120.2566	12.10
010YR001HR	smf-2a	120.5066	12.10
010YR001HR	smf-2a	120.7566	12.10
010YR001HR	smf-2a	121.0066	12.10
010YR001HR	smf-2a	121.2566	12.10
010YR001HR	smf-2a	121.5066	12.10
010YR001HR	smf-2a	121.7566	12.10

10yr-1hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR001HR	smf-2b	72.7566	11.43
010YR001HR	smf-2b	73.0066	11.43
010YR001HR	smf-2b	73.2566	11.43
010YR001HR	smf-2b	73.5066	11.42
010YR001HR	smf-2b	73.7566	11.42
010YR001HR	smf-2b	74.0066	11.42
010YR001HR	smf-2b	74.2566	11.42
010YR001HR	smf-2b	74.5066	11.42
010YR001HR	smf-2b	74.7566	11.42
010YR001HR	smf-2b	75.0066	11.42
010YR001HR	smf-2b	75.2566	11.41
010YR001HR	smf-2b	75.5066	11.41
010YR001HR	smf-2b	75.7566	11.41
010YR001HR	smf-2b	76.0066	11.41
010YR001HR	smf-2b	76.2566	11.41
010YR001HR	smf-2b	76.5066	11.41
010YR001HR	smf-2b	76.7566	11.41
010YR001HR	smf-2b	77.0066	11.41
010YR001HR	smf-2b	77.2566	11.40
010YR001HR	smf-2b	77.5066	11.40
010YR001HR	smf-2b	77.7566	11.40
010YR001HR	smf-2b	78.0066	11.40
010YR001HR	smf-2b	78.2566	11.40
010YR001HR	smf-2b	78.5066	11.40
010YR001HR	smf-2b	78.7566	11.40
010YR001HR	smf-2b	79.0066	11.40
010YR001HR	smf-2b	79.2566	11.40
010YR001HR	smf-2b	79.5066	11.40
010YR001HR	smf-2b	79.7566	11.40
010YR001HR	smf-2b	80.0066	11.40
010YR001HR	smf-2b	80.2566	11.40
010YR001HR	smf-2b	80.5066	11.40
010YR001HR	smf-2b	80.7566	11.40
010YR001HR	smf-2b	81.0066	11.40
010YR001HR	smf-2b	81.2566	11.40
010YR001HR	smf-2b	81.5066	11.40
010YR001HR	smf-2b	81.7566	11.40
010YR001HR	smf-2b	82.0066	11.40
010YR001HR	smf-2b	82.2566	11.40
010YR001HR	smf-2b	82.5066	11.40
010YR001HR	smf-2b	82.7566	11.40
010YR001HR	smf-2b	83.0066	11.40

10yr-1hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR001HR	smf-2c	97.0066	11.88
010YR001HR	smf-2c	97.2566	11.88
010YR001HR	smf-2c	97.5066	11.88
010YR001HR	smf-2c	97.7566	11.88
010YR001HR	smf-2c	98.0066	11.88
010YR001HR	smf-2c	98.2566	11.88
010YR001HR	smf-2c	98.5066	11.87
010YR001HR	smf-2c	98.7566	11.87
010YR001HR	smf-2c	99.0066	11.87
010YR001HR	smf-2c	99.2566	11.87
010YR001HR	smf-2c	99.5066	11.87
010YR001HR	smf-2c	99.7566	11.87
010YR001HR	smf-2c	100.0066	11.87
010YR001HR	smf-2c	100.2566	11.87
010YR001HR	smf-2c	100.5066	11.87
010YR001HR	smf-2c	100.7566	11.87
010YR001HR	smf-2c	101.0066	11.86
010YR001HR	smf-2c	101.2566	11.86
010YR001HR	smf-2c	101.5066	11.86
010YR001HR	smf-2c	101.7566	11.86
010YR001HR	smf-2c	102.0066	11.86
010YR001HR	smf-2c	102.2566	11.86
010YR001HR	smf-2c	102.5066	11.86
010YR001HR	smf-2c	102.7566	11.86
010YR001HR	smf-2c	103.0066	11.86
010YR001HR	smf-2c	103.2566	11.86
010YR001HR	smf-2c	103.5066	11.86
010YR001HR	smf-2c	103.7566	11.86
010YR001HR	smf-2c	104.0066	11.85
010YR001HR	smf-2c	104.2566	11.85
010YR001HR	smf-2c	104.5066	11.85
010YR001HR	smf-2c	104.7566	11.85
010YR001HR	smf-2c	105.0066	11.85
010YR001HR	smf-2c	105.2566	11.85
010YR001HR	smf-2c	105.5066	11.85
010YR001HR	smf-2c	105.7566	11.85
010YR001HR	smf-2c	106.0066	11.85
010YR001HR	smf-2c	106.2566	11.85
010YR001HR	smf-2c	106.5066	11.85
010YR001HR	smf-2c	106.7566	11.85
010YR001HR	smf-2c	107.0066	11.85
010YR001HR	smf-2c	107.2566	11.85

10yr-1hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR001HR	smf-3a	79.2566	11.95
010YR001HR	smf-3a	79.5066	11.95
010YR001HR	smf-3a	79.7566	11.95
010YR001HR	smf-3a	80.0066	11.95
010YR001HR	smf-3a	80.2566	11.95
010YR001HR	smf-3a	80.5066	11.94
010YR001HR	smf-3a	80.7566	11.94
010YR001HR	smf-3a	81.0066	11.94
010YR001HR	smf-3a	81.2566	11.94
010YR001HR	smf-3a	81.5066	11.94
010YR001HR	smf-3a	81.7566	11.94
010YR001HR	smf-3a	82.0066	11.94
010YR001HR	smf-3a	82.2566	11.94
010YR001HR	smf-3a	82.5066	11.93
010YR001HR	smf-3a	82.7566	11.93
010YR001HR	smf-3a	83.0066	11.93
010YR001HR	smf-3a	83.2566	11.93
010YR001HR	smf-3a	83.5066	11.93
010YR001HR	smf-3a	83.7566	11.93
010YR001HR	smf-3a	84.0066	11.93
010YR001HR	smf-3a	84.2566	11.93
010YR001HR	smf-3a	84.5066	11.92
010YR001HR	smf-3a	84.7566	11.92
010YR001HR	smf-3a	85.0066	11.92
010YR001HR	smf-3a	85.2566	11.92
010YR001HR	smf-3a	85.5066	11.92
010YR001HR	smf-3a	85.7566	11.92
010YR001HR	smf-3a	86.0066	11.92
010YR001HR	smf-3a	86.2566	11.92
010YR001HR	smf-3a	86.5066	11.92
010YR001HR	smf-3a	86.7566	11.91
010YR001HR	smf-3a	87.0066	11.91
010YR001HR	smf-3a	87.2566	11.91
010YR001HR	smf-3a	87.5066	11.91
010YR001HR	smf-3a	87.7566	11.91
010YR001HR	smf-3a	88.0066	11.91
010YR001HR	smf-3a	88.2566	11.91
010YR001HR	smf-3a	88.5066	11.91
010YR001HR	smf-3a	88.7566	11.91
010YR001HR	smf-3a	89.0066	11.91
010YR001HR	smf-3a	89.2566	11.90
010YR001HR	smf-3a	89.5066	11.90

10yr-1hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR001HR	smf-3b	103.5066	11.29
010YR001HR	smf-3b	103.7566	11.29
010YR001HR	smf-3b	104.0066	11.28
010YR001HR	smf-3b	104.2566	11.28
010YR001HR	smf-3b	104.5066	11.28
010YR001HR	smf-3b	104.7566	11.28
010YR001HR	smf-3b	105.0066	11.28
010YR001HR	smf-3b	105.2566	11.28
010YR001HR	smf-3b	105.5066	11.28
010YR001HR	smf-3b	105.7566	11.28
010YR001HR	smf-3b	106.0066	11.28
010YR001HR	smf-3b	106.2566	11.28
010YR001HR	smf-3b	106.5066	11.27
010YR001HR	smf-3b	106.7566	11.27
010YR001HR	smf-3b	107.0066	11.27
010YR001HR	smf-3b	107.2566	11.27
010YR001HR	smf-3b	107.5066	11.27
010YR001HR	smf-3b	107.7566	11.27
010YR001HR	smf-3b	108.0066	11.27
010YR001HR	smf-3b	108.2566	11.27
010YR001HR	smf-3b	108.5066	11.27
010YR001HR	smf-3b	108.7566	11.27
010YR001HR	smf-3b	109.0066	11.27
010YR001HR	smf-3b	109.2566	11.26
010YR001HR	smf-3b	109.5066	11.26
010YR001HR	smf-3b	109.7566	11.26
010YR001HR	smf-3b	110.0066	11.26
010YR001HR	smf-3b	110.2566	11.26
010YR001HR	smf-3b	110.5066	11.26
010YR001HR	smf-3b	110.7566	11.26
010YR001HR	smf-3b	111.0066	11.26
010YR001HR	smf-3b	111.2566	11.26
010YR001HR	smf-3b	111.5066	11.26
010YR001HR	smf-3b	111.7566	11.26
010YR001HR	smf-3b	112.0066	11.26
010YR001HR	smf-3b	112.2566	11.25
010YR001HR	smf-3b	112.5066	11.25
010YR001HR	smf-3b	112.7566	11.25
010YR001HR	smf-3b	113.0066	11.25
010YR001HR	smf-3b	113.2566	11.25
010YR001HR	smf-3b	113.5066	11.25
010YR001HR	smf-3b	113.7566	11.25

10yr-1hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR002HR	smf-1a	54.2525	12.47
010YR002HR	smf-1a	54.5025	12.46
010YR002HR	smf-1a	54.7525	12.46
010YR002HR	smf-1a	55.0025	12.46
010YR002HR	smf-1a	55.2525	12.46
010YR002HR	smf-1a	55.5025	12.46
010YR002HR	smf-1a	55.7525	12.46
010YR002HR	smf-1a	56.0025	12.46
010YR002HR	smf-1a	56.2525	12.46
010YR002HR	smf-1a	56.5025	12.46
010YR002HR	smf-1a	56.7525	12.45
010YR002HR	smf-1a	57.0025	12.45
010YR002HR	smf-1a	57.2525	12.45
010YR002HR	smf-1a	57.5025	12.45
010YR002HR	smf-1a	57.7525	12.45
010YR002HR	smf-1a	58.0025	12.45
010YR002HR	smf-1a	58.2525	12.45
010YR002HR	smf-1a	58.5025	12.45
010YR002HR	smf-1a	58.7525	12.45
010YR002HR	smf-1a	59.0025	12.45
010YR002HR	smf-1a	59.2525	12.45
010YR002HR	smf-1a	59.5025	12.45
010YR002HR	smf-1a	59.7525	12.45
010YR002HR	smf-1a	60.0025	12.45
010YR002HR	smf-1a	60.2525	12.45
010YR002HR	smf-1a	60.5025	12.45
010YR002HR	smf-1a	60.7525	12.45
010YR002HR	smf-1a	61.0025	12.45
010YR002HR	smf-1a	61.2525	12.45
010YR002HR	smf-1a	61.5025	12.45
010YR002HR	smf-1a	61.7525	12.45
010YR002HR	smf-1a	62.0025	12.45
010YR002HR	smf-1a	62.2525	12.45
010YR002HR	smf-1a	62.5025	12.45
010YR002HR	smf-1a	62.7525	12.45
010YR002HR	smf-1a	63.0025	12.45
010YR002HR	smf-1a	63.2525	12.45
010YR002HR	smf-1a	63.5025	12.45
010YR002HR	smf-1a	63.7525	12.45
010YR002HR	smf-1a	64.0025	12.45
010YR002HR	smf-1a	64.2525	12.45
010YR002HR	smf-1a	64.5025	12.45

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR002HR	smf-1b	67.0025	13.01
010YR002HR	smf-1b	67.2525	13.01
010YR002HR	smf-1b	67.5025	13.00
010YR002HR	smf-1b	67.7525	13.00
010YR002HR	smf-1b	68.0025	13.00
010YR002HR	smf-1b	68.2525	13.00
010YR002HR	smf-1b	68.5025	13.00
010YR002HR	smf-1b	68.7525	13.00
010YR002HR	smf-1b	69.0025	13.00
010YR002HR	smf-1b	69.2525	13.00
010YR002HR	smf-1b	69.5025	13.00
010YR002HR	smf-1b	69.7525	13.00
010YR002HR	smf-1b	70.0025	13.00
010YR002HR	smf-1b	70.2525	13.00
010YR002HR	smf-1b	70.5025	13.00
010YR002HR	smf-1b	70.7525	13.00
010YR002HR	smf-1b	71.0025	13.00
010YR002HR	smf-1b	71.2525	13.00
010YR002HR	smf-1b	71.5025	13.00
010YR002HR	smf-1b	71.7525	13.00
010YR002HR	smf-1b	72.0025	13.00
010YR002HR	smf-1b	72.2525	13.00
010YR002HR	smf-1b	72.5025	13.00
010YR002HR	smf-1b	72.7525	13.00
010YR002HR	smf-1b	73.0025	13.00
010YR002HR	smf-1b	73.2525	13.00
010YR002HR	smf-1b	73.5025	13.00
010YR002HR	smf-1b	73.7525	13.00
010YR002HR	smf-1b	74.0025	13.00
010YR002HR	smf-1b	74.2525	13.00
010YR002HR	smf-1b	74.5025	13.00
010YR002HR	smf-1b	74.7525	13.00
010YR002HR	smf-1b	75.0025	13.00
010YR002HR	smf-1b	75.2525	13.00
010YR002HR	smf-1b	75.5025	13.00
010YR002HR	smf-1b	75.7525	13.00
010YR002HR	smf-1b	76.0025	13.00
010YR002HR	smf-1b	76.2525	13.00
010YR002HR	smf-1b	76.5025	13.00
010YR002HR	smf-1b	76.7525	13.00
010YR002HR	smf-1b	77.0025	13.00
010YR002HR	smf-1b	77.2525	13.00

10yr-2hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR002HR	smf-2a	132.2525	12.11
010YR002HR	smf-2a	132.5025	12.11
010YR002HR	smf-2a	132.7525	12.11
010YR002HR	smf-2a	133.0025	12.11
010YR002HR	smf-2a	133.2525	12.11
010YR002HR	smf-2a	133.5025	12.11
010YR002HR	smf-2a	133.7525	12.11
010YR002HR	smf-2a	134.0025	12.11
010YR002HR	smf-2a	134.2525	12.11
010YR002HR	smf-2a	134.5025	12.10
010YR002HR	smf-2a	134.7525	12.10
010YR002HR	smf-2a	135.0025	12.10
010YR002HR	smf-2a	135.2525	12.10
010YR002HR	smf-2a	135.5025	12.10
010YR002HR	smf-2a	135.7525	12.10
010YR002HR	smf-2a	136.0025	12.10
010YR002HR	smf-2a	136.2525	12.10
010YR002HR	smf-2a	136.5025	12.10
010YR002HR	smf-2a	136.7525	12.10
010YR002HR	smf-2a	137.0025	12.10
010YR002HR	smf-2a	137.2525	12.10
010YR002HR	smf-2a	137.5025	12.10
010YR002HR	smf-2a	137.7525	12.10
010YR002HR	smf-2a	138.0025	12.10
010YR002HR	smf-2a	138.2525	12.10
010YR002HR	smf-2a	138.5025	12.10
010YR002HR	smf-2a	138.7525	12.10
010YR002HR	smf-2a	139.0025	12.10
010YR002HR	smf-2a	139.2525	12.10
010YR002HR	smf-2a	139.5025	12.10
010YR002HR	smf-2a	139.7525	12.10
010YR002HR	smf-2a	140.0025	12.10
010YR002HR	smf-2a	140.2525	12.10
010YR002HR	smf-2a	140.5025	12.10
010YR002HR	smf-2a	140.7525	12.10
010YR002HR	smf-2a	141.0025	12.10
010YR002HR	smf-2a	141.2525	12.10
010YR002HR	smf-2a	141.5025	12.10
010YR002HR	smf-2a	141.7525	12.10
010YR002HR	smf-2a	142.0025	12.10
010YR002HR	smf-2a	142.2525	12.10
010YR002HR	smf-2a	142.5025	12.10



10yr-2hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR002HR	smf-2b	92.5025	11.42
010YR002HR	smf-2b	92.7525	11.42
010YR002HR	smf-2b	93.0025	11.42
010YR002HR	smf-2b	93.2525	11.42
010YR002HR	smf-2b	93.5025	11.42
010YR002HR	smf-2b	93.7525	11.42
010YR002HR	smf-2b	94.0025	11.42
010YR002HR	smf-2b	94.2525	11.42
010YR002HR	smf-2b	94.5025	11.41
010YR002HR	smf-2b	94.7525	11.41
010YR002HR	smf-2b	95.0025	11.41
010YR002HR	smf-2b	95.2525	11.41
010YR002HR	smf-2b	95.5025	11.41
010YR002HR	smf-2b	95.7525	11.41
010YR002HR	smf-2b	96.0025	11.41
010YR002HR	smf-2b	96.2525	11.41
010YR002HR	smf-2b	96.5025	11.41
010YR002HR	smf-2b	96.7525	11.41
010YR002HR	smf-2b	97.0025	11.40
010YR002HR	smf-2b	97.2525	11.40
010YR002HR	smf-2b	97.5025	11.40
010YR002HR	smf-2b	97.7525	11.40
010YR002HR	smf-2b	98.0025	11.40
010YR002HR	smf-2b	98.2525	11.40
010YR002HR	smf-2b	98.5025	11.40
010YR002HR	smf-2b	98.7525	11.40
010YR002HR	smf-2b	99.0025	11.40
010YR002HR	smf-2b	99.2525	11.40
010YR002HR	smf-2b	99.5025	11.40
010YR002HR	smf-2b	99.7525	11.40
010YR002HR	smf-2b	100.0025	11.40
010YR002HR	smf-2b	100.2525	11.40
010YR002HR	smf-2b	100.5025	11.40
010YR002HR	smf-2b	100.7525	11.40
010YR002HR	smf-2b	101.0025	11.40
010YR002HR	smf-2b	101.2525	11.40
010YR002HR	smf-2b	101.5025	11.40
010YR002HR	smf-2b	101.7525	11.40
010YR002HR	smf-2b	102.0025	11.40
010YR002HR	smf-2b	102.2525	11.40
010YR002HR	smf-2b	102.5025	11.40
010YR002HR	smf-2b	102.7525	11.40

10yr-2hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR002HR	smf-2c	115.7525	11.88
010YR002HR	smf-2c	116.0025	11.88
010YR002HR	smf-2c	116.2525	11.88
010YR002HR	smf-2c	116.5025	11.88
010YR002HR	smf-2c	116.7525	11.88
010YR002HR	smf-2c	117.0025	11.88
010YR002HR	smf-2c	117.2525	11.88
010YR002HR	smf-2c	117.5025	11.88
010YR002HR	smf-2c	117.7525	11.88
010YR002HR	smf-2c	118.0025	11.87
010YR002HR	smf-2c	118.2525	11.87
010YR002HR	smf-2c	118.5025	11.87
010YR002HR	smf-2c	118.7525	11.87
010YR002HR	smf-2c	119.0025	11.87
010YR002HR	smf-2c	119.2525	11.87
010YR002HR	smf-2c	119.5025	11.87
010YR002HR	smf-2c	119.7525	11.87
010YR002HR	smf-2c	120.0025	11.87
010YR002HR	smf-2c	120.2525	11.87
010YR002HR	smf-2c	120.5025	11.87
010YR002HR	smf-2c	120.7525	11.87
010YR002HR	smf-2c	121.0025	11.86
010YR002HR	smf-2c	121.2525	11.86
010YR002HR	smf-2c	121.5025	11.86
010YR002HR	smf-2c	121.7525	11.86
010YR002HR	smf-2c	122.0025	11.86
010YR002HR	smf-2c	122.2525	11.86
010YR002HR	smf-2c	122.5025	11.86
010YR002HR	smf-2c	122.7525	11.86
010YR002HR	smf-2c	123.0025	11.86
010YR002HR	smf-2c	123.2525	11.86
010YR002HR	smf-2c	123.5025	11.86
010YR002HR	smf-2c	123.7525	11.86
010YR002HR	smf-2c	124.0025	11.86
010YR002HR	smf-2c	124.2525	11.85
010YR002HR	smf-2c	124.5025	11.85
010YR002HR	smf-2c	124.7525	11.85
010YR002HR	smf-2c	125.0025	11.85
010YR002HR	smf-2c	125.2525	11.85
010YR002HR	smf-2c	125.5025	11.85
010YR002HR	smf-2c	125.7525	11.85
010YR002HR	smf-2c	126.0025	11.85

10yr-2hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR002HR	smf-3a	107.5025	11.91
010YR002HR	smf-3a	107.7525	11.91
010YR002HR	smf-3a	108.0025	11.91
010YR002HR	smf-3a	108.2525	11.91
010YR002HR	smf-3a	108.5025	11.90
010YR002HR	smf-3a	108.7525	11.90
010YR002HR	smf-3a	109.0025	11.90
010YR002HR	smf-3a	109.2525	11.90
010YR002HR	smf-3a	109.5025	11.90
010YR002HR	smf-3a	109.7525	11.90
010YR002HR	smf-3a	110.0025	11.90
010YR002HR	smf-3a	110.2525	11.90
010YR002HR	smf-3a	110.5025	11.90
010YR002HR	smf-3a	110.7525	11.90
010YR002HR	smf-3a	111.0025	11.90
010YR002HR	smf-3a	111.2525	11.90
010YR002HR	smf-3a	111.5025	11.90
010YR002HR	smf-3a	111.7525	11.90
010YR002HR	smf-3a	112.0025	11.90
010YR002HR	smf-3a	112.2525	11.90
010YR002HR	smf-3a	112.5025	11.90
010YR002HR	smf-3a	112.7525	11.90
010YR002HR	smf-3a	113.0025	11.90
010YR002HR	smf-3a	113.2525	11.90
010YR002HR	smf-3a	113.5025	11.90
010YR002HR	smf-3a	113.7525	11.90
010YR002HR	smf-3a	114.0025	11.90
010YR002HR	smf-3a	114.2525	11.90
010YR002HR	smf-3a	114.5025	11.90
010YR002HR	smf-3a	114.7525	11.90
010YR002HR	smf-3a	115.0025	11.90
010YR002HR	smf-3a	115.2525	11.90
010YR002HR	smf-3a	115.5025	11.90
010YR002HR	smf-3a	115.7525	11.90
010YR002HR	smf-3a	116.0025	11.90
010YR002HR	smf-3a	116.2525	11.90
010YR002HR	smf-3a	116.5025	11.90
010YR002HR	smf-3a	116.7525	11.90
010YR002HR	smf-3a	117.0025	11.90
010YR002HR	smf-3a	117.2525	11.90
010YR002HR	smf-3a	117.5025	11.90
010YR002HR	smf-3a	117.7525	11.90

10yr-2hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR002HR	smf-3b	130.7525	11.27
010YR002HR	smf-3b	131.0025	11.27
010YR002HR	smf-3b	131.2525	11.27
010YR002HR	smf-3b	131.5025	11.27
010YR002HR	smf-3b	131.7525	11.27
010YR002HR	smf-3b	132.0025	11.27
010YR002HR	smf-3b	132.2525	11.27
010YR002HR	smf-3b	132.5025	11.27
010YR002HR	smf-3b	132.7525	11.27
010YR002HR	smf-3b	133.0025	11.27
010YR002HR	smf-3b	133.2525	11.26
010YR002HR	smf-3b	133.5025	11.26
010YR002HR	smf-3b	133.7525	11.26
010YR002HR	smf-3b	134.0025	11.26
010YR002HR	smf-3b	134.2525	11.26
010YR002HR	smf-3b	134.5025	11.26
010YR002HR	smf-3b	134.7525	11.26
010YR002HR	smf-3b	135.0025	11.26
010YR002HR	smf-3b	135.2525	11.26
010YR002HR	smf-3b	135.5025	11.26
010YR002HR	smf-3b	135.7525	11.26
010YR002HR	smf-3b	136.0025	11.26
010YR002HR	smf-3b	136.2525	11.26
010YR002HR	smf-3b	136.5025	11.26
010YR002HR	smf-3b	136.7525	11.25
010YR002HR	smf-3b	137.0025	11.25
010YR002HR	smf-3b	137.2525	11.25
010YR002HR	smf-3b	137.5025	11.25
010YR002HR	smf-3b	137.7525	11.25
010YR002HR	smf-3b	138.0025	11.25
010YR002HR	smf-3b	138.2525	11.25
010YR002HR	smf-3b	138.5025	11.25
010YR002HR	smf-3b	138.7525	11.25
010YR002HR	smf-3b	139.0025	11.25
010YR002HR	smf-3b	139.2525	11.25
010YR002HR	smf-3b	139.5025	11.25
010YR002HR	smf-3b	139.7525	11.25
010YR002HR	smf-3b	140.0025	11.25
010YR002HR	smf-3b	140.2525	11.25
010YR002HR	smf-3b	140.5025	11.25
010YR002HR	smf-3b	140.7525	11.25
010YR002HR	smf-3b	141.0025	11.25

10yr-2hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR004HR	smf-1a	112.0049	12.48
010YR004HR	smf-1a	112.2549	12.48
010YR004HR	smf-1a	112.5049	12.47
010YR004HR	smf-1a	112.7549	12.47
010YR004HR	smf-1a	113.0049	12.47
010YR004HR	smf-1a	113.2549	12.47
010YR004HR	smf-1a	113.5049	12.47
010YR004HR	smf-1a	113.7549	12.47
010YR004HR	smf-1a	114.0049	12.47
010YR004HR	smf-1a	114.2549	12.47
010YR004HR	smf-1a	114.5049	12.47
010YR004HR	smf-1a	114.7549	12.47
010YR004HR	smf-1a	115.0049	12.47
010YR004HR	smf-1a	115.2549	12.47
010YR004HR	smf-1a	115.5049	12.47
010YR004HR	smf-1a	115.7549	12.46
010YR004HR	smf-1a	116.0049	12.46
010YR004HR	smf-1a	116.2549	12.46
010YR004HR	smf-1a	116.5049	12.46
010YR004HR	smf-1a	116.7549	12.46
010YR004HR	smf-1a	117.0049	12.46
010YR004HR	smf-1a	117.2549	12.46
010YR004HR	smf-1a	117.5049	12.46
010YR004HR	smf-1a	117.7549	12.46
010YR004HR	smf-1a	118.0049	12.46
010YR004HR	smf-1a	118.2549	12.46
010YR004HR	smf-1a	118.5049	12.46
010YR004HR	smf-1a	118.7549	12.46
010YR004HR	smf-1a	119.0049	12.46
010YR004HR	smf-1a	119.2549	12.45
010YR004HR	smf-1a	119.5049	12.45
010YR004HR	smf-1a	119.7549	12.45
010YR004HR	smf-1a	120.0049	12.45
010YR004HR	smf-1a	120.2549	12.45
010YR004HR	smf-1a	120.5049	12.45
010YR004HR	smf-1a	120.7549	12.45
010YR004HR	smf-1a	121.0049	12.45
010YR004HR	smf-1a	121.2549	12.45
010YR004HR	smf-1a	121.5049	12.45
010YR004HR	smf-1a	121.7549	12.45
010YR004HR	smf-1a	122.0049	12.45
010YR004HR	smf-1a	122.2549	12.45

10yr-4hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR004HR	smf-1b	80.7549	13.03
010YR004HR	smf-1b	81.0049	13.03
010YR004HR	smf-1b	81.2549	13.03
010YR004HR	smf-1b	81.5049	13.02
010YR004HR	smf-1b	81.7549	13.02
010YR004HR	smf-1b	82.0049	13.02
010YR004HR	smf-1b	82.2549	13.02
010YR004HR	smf-1b	82.5049	13.02
010YR004HR	smf-1b	82.7549	13.02
010YR004HR	smf-1b	83.0049	13.02
010YR004HR	smf-1b	83.2549	13.02
010YR004HR	smf-1b	83.5049	13.01
010YR004HR	smf-1b	83.7549	13.01
010YR004HR	smf-1b	84.0049	13.01
010YR004HR	smf-1b	84.2549	13.01
010YR004HR	smf-1b	84.5049	13.01
010YR004HR	smf-1b	84.7549	13.01
010YR004HR	smf-1b	85.0049	13.01
010YR004HR	smf-1b	85.2549	13.01
010YR004HR	smf-1b	85.5049	13.01
010YR004HR	smf-1b	85.7549	13.00
010YR004HR	smf-1b	86.0049	13.00
010YR004HR	smf-1b	86.2549	13.00
010YR004HR	smf-1b	86.5049	13.00
010YR004HR	smf-1b	86.7549	13.00
010YR004HR	smf-1b	87.0049	13.00
010YR004HR	smf-1b	87.2549	13.00
010YR004HR	smf-1b	87.5049	13.00
010YR004HR	smf-1b	87.7549	13.00
010YR004HR	smf-1b	88.0049	13.00
010YR004HR	smf-1b	88.2549	13.00
010YR004HR	smf-1b	88.5049	13.00
010YR004HR	smf-1b	88.7549	13.00
010YR004HR	smf-1b	89.0049	13.00
010YR004HR	smf-1b	89.2549	13.00
010YR004HR	smf-1b	89.5049	13.00
010YR004HR	smf-1b	89.7549	13.00
010YR004HR	smf-1b	90.0049	13.00
010YR004HR	smf-1b	90.2549	13.00
010YR004HR	smf-1b	90.5049	13.00
010YR004HR	smf-1b	90.7549	13.00
010YR004HR	smf-1b	91.0049	13.00

10yr-4hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR004HR	smf-2a	144.0049	12.13
010YR004HR	smf-2a	144.2549	12.13
010YR004HR	smf-2a	144.5049	12.13
010YR004HR	smf-2a	144.7549	12.12
010YR004HR	smf-2a	145.0049	12.12
010YR004HR	smf-2a	145.2549	12.12
010YR004HR	smf-2a	145.5049	12.12
010YR004HR	smf-2a	145.7549	12.12
010YR004HR	smf-2a	146.0049	12.12
010YR004HR	smf-2a	146.2549	12.12
010YR004HR	smf-2a	146.5049	12.12
010YR004HR	smf-2a	146.7549	12.12
010YR004HR	smf-2a	147.0049	12.12
010YR004HR	smf-2a	147.2549	12.12
010YR004HR	smf-2a	147.5049	12.12
010YR004HR	smf-2a	147.7549	12.12
010YR004HR	smf-2a	148.0049	12.12
010YR004HR	smf-2a	148.2549	12.12
010YR004HR	smf-2a	148.5049	12.12
010YR004HR	smf-2a	148.7549	12.12
010YR004HR	smf-2a	149.0049	12.12
010YR004HR	smf-2a	149.2549	12.11
010YR004HR	smf-2a	149.5049	12.11
010YR004HR	smf-2a	149.7549	12.11
010YR004HR	smf-2a	150.0049	12.11
010YR004HR	smf-2a	150.2549	12.11
010YR004HR	smf-2a	150.5049	12.11
010YR004HR	smf-2a	150.7549	12.11
010YR004HR	smf-2a	151.0049	12.11
010YR004HR	smf-2a	151.2549	12.11
010YR004HR	smf-2a	151.5049	12.11
010YR004HR	smf-2a	151.7549	12.11
010YR004HR	smf-2a	152.0049	12.11
010YR004HR	smf-2a	152.2549	12.11
010YR004HR	smf-2a	152.5049	12.11
010YR004HR	smf-2a	152.7549	12.11
010YR004HR	smf-2a	153.0049	12.11
010YR004HR	smf-2a	153.2549	12.11
010YR004HR	smf-2a	153.5049	12.11
010YR004HR	smf-2a	153.7549	12.10
010YR004HR	smf-2a	154.0049	12.10
010YR004HR	smf-2a	154.2549	12.10

10yr-4hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR004HR	smf-2b	102.2549	11.44
010YR004HR	smf-2b	102.5049	11.44
010YR004HR	smf-2b	102.7549	11.44
010YR004HR	smf-2b	103.0049	11.43
010YR004HR	smf-2b	103.2549	11.43
010YR004HR	smf-2b	103.5049	11.43
010YR004HR	smf-2b	103.7549	11.43
010YR004HR	smf-2b	104.0049	11.43
010YR004HR	smf-2b	104.2549	11.43
010YR004HR	smf-2b	104.5049	11.43
010YR004HR	smf-2b	104.7549	11.43
010YR004HR	smf-2b	105.0049	11.43
010YR004HR	smf-2b	105.2549	11.43
010YR004HR	smf-2b	105.5049	11.42
010YR004HR	smf-2b	105.7549	11.42
010YR004HR	smf-2b	106.0049	11.42
010YR004HR	smf-2b	106.2549	11.42
010YR004HR	smf-2b	106.5049	11.42
010YR004HR	smf-2b	106.7549	11.42
010YR004HR	smf-2b	107.0049	11.42
010YR004HR	smf-2b	107.2549	11.42
010YR004HR	smf-2b	107.5049	11.42
010YR004HR	smf-2b	107.7549	11.42
010YR004HR	smf-2b	108.0049	11.42
010YR004HR	smf-2b	108.2549	11.41
010YR004HR	smf-2b	108.5049	11.41
010YR004HR	smf-2b	108.7549	11.41
010YR004HR	smf-2b	109.0049	11.41
010YR004HR	smf-2b	109.2549	11.41
010YR004HR	smf-2b	109.5049	11.41
010YR004HR	smf-2b	109.7549	11.41
010YR004HR	smf-2b	110.0049	11.41
010YR004HR	smf-2b	110.2549	11.41
010YR004HR	smf-2b	110.5049	11.41
010YR004HR	smf-2b	110.7549	11.41
010YR004HR	smf-2b	111.0049	11.40
010YR004HR	smf-2b	111.2549	11.40
010YR004HR	smf-2b	111.5049	11.40
010YR004HR	smf-2b	111.7549	11.40
010YR004HR	smf-2b	112.0049	11.40
010YR004HR	smf-2b	112.2549	11.40
010YR004HR	smf-2b	112.5049	11.40

10yr-4hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR004HR	smf-2c	134.0049	11.88
010YR004HR	smf-2c	134.2549	11.88
010YR004HR	smf-2c	134.5049	11.88
010YR004HR	smf-2c	134.7549	11.88
010YR004HR	smf-2c	135.0049	11.87
010YR004HR	smf-2c	135.2549	11.87
010YR004HR	smf-2c	135.5049	11.87
010YR004HR	smf-2c	135.7549	11.87
010YR004HR	smf-2c	136.0049	11.87
010YR004HR	smf-2c	136.2549	11.87
010YR004HR	smf-2c	136.5049	11.87
010YR004HR	smf-2c	136.7549	11.87
010YR004HR	smf-2c	137.0049	11.87
010YR004HR	smf-2c	137.2549	11.87
010YR004HR	smf-2c	137.5049	11.87
010YR004HR	smf-2c	137.7549	11.87
010YR004HR	smf-2c	138.0049	11.87
010YR004HR	smf-2c	138.2549	11.87
010YR004HR	smf-2c	138.5049	11.86
010YR004HR	smf-2c	138.7549	11.86
010YR004HR	smf-2c	139.0049	11.86
010YR004HR	smf-2c	139.2549	11.86
010YR004HR	smf-2c	139.5049	11.86
010YR004HR	smf-2c	139.7549	11.86
010YR004HR	smf-2c	140.0049	11.86
010YR004HR	smf-2c	140.2549	11.86
010YR004HR	smf-2c	140.5049	11.86
010YR004HR	smf-2c	140.7549	11.86
010YR004HR	smf-2c	141.0049	11.86
010YR004HR	smf-2c	141.2549	11.86
010YR004HR	smf-2c	141.5049	11.86
010YR004HR	smf-2c	141.7549	11.86
010YR004HR	smf-2c	142.0049	11.86
010YR004HR	smf-2c	142.2549	11.85
010YR004HR	smf-2c	142.5049	11.85
010YR004HR	smf-2c	142.7549	11.85
010YR004HR	smf-2c	143.0049	11.85
010YR004HR	smf-2c	143.2549	11.85
010YR004HR	smf-2c	143.5049	11.85
010YR004HR	smf-2c	143.7549	11.85
010YR004HR	smf-2c	144.0049	11.85
010YR004HR	smf-2c	144.2549	11.85

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR004HR	smf-3a	123.7549	11.92
010YR004HR	smf-3a	124.0049	11.92
010YR004HR	smf-3a	124.2549	11.92
010YR004HR	smf-3a	124.5049	11.92
010YR004HR	smf-3a	124.7549	11.91
010YR004HR	smf-3a	125.0049	11.91
010YR004HR	smf-3a	125.2549	11.91
010YR004HR	smf-3a	125.5049	11.91
010YR004HR	smf-3a	125.7549	11.91
010YR004HR	smf-3a	126.0049	11.91
010YR004HR	smf-3a	126.2549	11.91
010YR004HR	smf-3a	126.5049	11.91
010YR004HR	smf-3a	126.7549	11.91
010YR004HR	smf-3a	127.0049	11.91
010YR004HR	smf-3a	127.2549	11.91
010YR004HR	smf-3a	127.5049	11.91
010YR004HR	smf-3a	127.7549	11.91
010YR004HR	smf-3a	128.0049	11.90
010YR004HR	smf-3a	128.2549	11.90
010YR004HR	smf-3a	128.5049	11.90
010YR004HR	smf-3a	128.7549	11.90
010YR004HR	smf-3a	129.0049	11.90
010YR004HR	smf-3a	129.2549	11.90
010YR004HR	smf-3a	129.5049	11.90
010YR004HR	smf-3a	129.7549	11.90
010YR004HR	smf-3a	130.0049	11.90
010YR004HR	smf-3a	130.2549	11.90
010YR004HR	smf-3a	130.5049	11.90
010YR004HR	smf-3a	130.7549	11.90
010YR004HR	smf-3a	131.0049	11.90
010YR004HR	smf-3a	131.2549	11.90
010YR004HR	smf-3a	131.5049	11.90
010YR004HR	smf-3a	131.7549	11.90
010YR004HR	smf-3a	132.0049	11.90
010YR004HR	smf-3a	132.2549	11.90
010YR004HR	smf-3a	132.5049	11.90
010YR004HR	smf-3a	132.7549	11.90
010YR004HR	smf-3a	133.0049	11.90
010YR004HR	smf-3a	133.2549	11.90
010YR004HR	smf-3a	133.5049	11.90
010YR004HR	smf-3a	133.7549	11.90
010YR004HR	smf-3a	134.0049	11.90



010YR004HR	smf-3a	128.0049	11.90
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10yr-4hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR004HR	smf-3b	145.0049	11.28
010YR004HR	smf-3b	145.2549	11.28
010YR004HR	smf-3b	145.5049	11.28
010YR004HR	smf-3b	145.7549	11.28
010YR004HR	smf-3b	146.0049	11.28
010YR004HR	smf-3b	146.2549	11.28
010YR004HR	smf-3b	146.5049	11.28
010YR004HR	smf-3b	146.7549	11.28
010YR004HR	smf-3b	147.0049	11.28
010YR004HR	smf-3b	147.2549	11.27
010YR004HR	smf-3b	147.5049	11.27
010YR004HR	smf-3b	147.7549	11.27
010YR004HR	smf-3b	148.0049	11.27
010YR004HR	smf-3b	148.2549	11.27
010YR004HR	smf-3b	148.5049	11.27
010YR004HR	smf-3b	148.7549	11.27
010YR004HR	smf-3b	149.0049	11.27
010YR004HR	smf-3b	149.2549	11.27
010YR004HR	smf-3b	149.5049	11.27
010YR004HR	smf-3b	149.7549	11.27
010YR004HR	smf-3b	150.0049	11.27
010YR004HR	smf-3b	150.2549	11.27
010YR004HR	smf-3b	150.5049	11.27
010YR004HR	smf-3b	150.7549	11.26
010YR004HR	smf-3b	151.0049	11.26
010YR004HR	smf-3b	151.2549	11.26
010YR004HR	smf-3b	151.5049	11.26
010YR004HR	smf-3b	151.7549	11.26
010YR004HR	smf-3b	152.0049	11.26
010YR004HR	smf-3b	152.2549	11.26
010YR004HR	smf-3b	152.5049	11.26
010YR004HR	smf-3b	152.7549	11.26
010YR004HR	smf-3b	153.0049	11.26
010YR004HR	smf-3b	153.2549	11.26
010YR004HR	smf-3b	153.5049	11.26
010YR004HR	smf-3b	153.7549	11.26
010YR004HR	smf-3b	154.0049	11.26
010YR004HR	smf-3b	154.2549	11.26
010YR004HR	smf-3b	154.5049	11.25
010YR004HR	smf-3b	154.7549	11.25
010YR004HR	smf-3b	155.0049	11.25
010YR004HR	smf-3b	155.2549	11.25

10yr-4hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR008HR	smf-1a	166.2534	12.47
010YR008HR	smf-1a	166.5034	12.47
010YR008HR	smf-1a	166.7534	12.47
010YR008HR	smf-1a	167.0034	12.47
010YR008HR	smf-1a	167.2534	12.47
010YR008HR	smf-1a	167.5034	12.46
010YR008HR	smf-1a	167.7534	12.46
010YR008HR	smf-1a	168.0034	12.46
010YR008HR	smf-1a	168.2534	12.46
010YR008HR	smf-1a	168.5034	12.46
010YR008HR	smf-1a	168.7534	12.46
010YR008HR	smf-1a	169.0034	12.46
010YR008HR	smf-1a	169.2534	12.46
010YR008HR	smf-1a	169.5034	12.46
010YR008HR	smf-1a	169.7534	12.46
010YR008HR	smf-1a	170.0034	12.46
010YR008HR	smf-1a	170.2534	12.46
010YR008HR	smf-1a	170.5034	12.46
010YR008HR	smf-1a	170.7534	12.46
010YR008HR	smf-1a	171.0034	12.46
010YR008HR	smf-1a	171.2534	12.46
010YR008HR	smf-1a	171.5034	12.46
010YR008HR	smf-1a	171.7534	12.46
010YR008HR	smf-1a	172.0034	12.46
010YR008HR	smf-1a	172.2534	12.45
010YR008HR	smf-1a	172.5034	12.45
010YR008HR	smf-1a	172.7534	12.45
010YR008HR	smf-1a	173.0034	12.45
010YR008HR	smf-1a	173.2534	12.45
010YR008HR	smf-1a	173.5034	12.45
010YR008HR	smf-1a	173.7534	12.45
010YR008HR	smf-1a	174.0034	12.45
010YR008HR	smf-1a	174.2534	12.45
010YR008HR	smf-1a	174.5034	12.45
010YR008HR	smf-1a	174.7534	12.45
010YR008HR	smf-1a	175.0034	12.45
010YR008HR	smf-1a	175.2534	12.45
010YR008HR	smf-1a	175.5034	12.45
010YR008HR	smf-1a	175.7534	12.45
010YR008HR	smf-1a	176.0034	12.45
010YR008HR	smf-1a	176.2534	12.45
010YR008HR	smf-1a	176.5034	12.45

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR008HR	smf-1b	110.0034	13.01
010YR008HR	smf-1b	110.2534	13.01
010YR008HR	smf-1b	110.5034	13.01
010YR008HR	smf-1b	110.7534	13.01
010YR008HR	smf-1b	111.0034	13.01
010YR008HR	smf-1b	111.2534	13.01
010YR008HR	smf-1b	111.5034	13.01
010YR008HR	smf-1b	111.7534	13.00
010YR008HR	smf-1b	112.0034	13.00
010YR008HR	smf-1b	112.2534	13.00
010YR008HR	smf-1b	112.5034	13.00
010YR008HR	smf-1b	112.7534	13.00
010YR008HR	smf-1b	113.0034	13.00
010YR008HR	smf-1b	113.2534	13.00
010YR008HR	smf-1b	113.5034	13.00
010YR008HR	smf-1b	113.7534	13.00
010YR008HR	smf-1b	114.0034	13.00
010YR008HR	smf-1b	114.2534	13.00
010YR008HR	smf-1b	114.5034	13.00
010YR008HR	smf-1b	114.7534	13.00
010YR008HR	smf-1b	115.0034	13.00
010YR008HR	smf-1b	115.2534	13.00
010YR008HR	smf-1b	115.5034	13.00
010YR008HR	smf-1b	115.7534	13.00
010YR008HR	smf-1b	116.0034	13.00
010YR008HR	smf-1b	116.2534	13.00
010YR008HR	smf-1b	116.5034	13.00
010YR008HR	smf-1b	116.7534	13.00
010YR008HR	smf-1b	117.0034	13.00
010YR008HR	smf-1b	117.2534	13.00
010YR008HR	smf-1b	117.5034	13.00
010YR008HR	smf-1b	117.7534	13.00
010YR008HR	smf-1b	118.0034	13.00
010YR008HR	smf-1b	118.2534	13.00
010YR008HR	smf-1b	118.5034	13.00
010YR008HR	smf-1b	118.7534	13.00
010YR008HR	smf-1b	119.0034	13.00
010YR008HR	smf-1b	119.2534	13.00
010YR008HR	smf-1b	119.5034	13.00
010YR008HR	smf-1b	119.7534	13.00
010YR008HR	smf-1b	120.0034	13.00
010YR008HR	smf-1b	120.2534	13.00

10yr-8hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR008HR	smf-2a	179.7534	12.11
010YR008HR	smf-2a	180.0034	12.11
010YR008HR	smf-2a	180.2534	12.11
010YR008HR	smf-2a	180.5034	12.11
010YR008HR	smf-2a	180.7534	12.10
010YR008HR	smf-2a	181.0034	12.10
010YR008HR	smf-2a	181.2534	12.10
010YR008HR	smf-2a	181.5034	12.10
010YR008HR	smf-2a	181.7534	12.10
010YR008HR	smf-2a	182.0034	12.10
010YR008HR	smf-2a	182.2534	12.10
010YR008HR	smf-2a	182.5034	12.10
010YR008HR	smf-2a	182.7534	12.10
010YR008HR	smf-2a	183.0034	12.10
010YR008HR	smf-2a	183.2534	12.10
010YR008HR	smf-2a	183.5034	12.10
010YR008HR	smf-2a	183.7534	12.10
010YR008HR	smf-2a	184.0034	12.10
010YR008HR	smf-2a	184.2534	12.10
010YR008HR	smf-2a	184.5034	12.10
010YR008HR	smf-2a	184.7534	12.10
010YR008HR	smf-2a	185.0034	12.10
010YR008HR	smf-2a	185.2534	12.10
010YR008HR	smf-2a	185.5034	12.10
010YR008HR	smf-2a	185.7534	12.10
010YR008HR	smf-2a	186.0034	12.10
010YR008HR	smf-2a	186.2534	12.10
010YR008HR	smf-2a	186.5034	12.10
010YR008HR	smf-2a	186.7534	12.10
010YR008HR	smf-2a	187.0034	12.10
010YR008HR	smf-2a	187.2534	12.10
010YR008HR	smf-2a	187.5034	12.10
010YR008HR	smf-2a	187.7534	12.10
010YR008HR	smf-2a	188.0034	12.10
010YR008HR	smf-2a	188.2534	12.10
010YR008HR	smf-2a	188.5034	12.10
010YR008HR	smf-2a	188.7534	12.10
010YR008HR	smf-2a	189.0034	12.10
010YR008HR	smf-2a	189.2534	12.10
010YR008HR	smf-2a	189.5034	12.10
010YR008HR	smf-2a	189.7534	12.10
010YR008HR	smf-2a	190.0034	12.10

10yr-8hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR008HR	smf-2b	134.0034	11.42
010YR008HR	smf-2b	134.2534	11.42
010YR008HR	smf-2b	134.5034	11.42
010YR008HR	smf-2b	134.7534	11.42
010YR008HR	smf-2b	135.0034	11.42
010YR008HR	smf-2b	135.2534	11.42
010YR008HR	smf-2b	135.5034	11.42
010YR008HR	smf-2b	135.7534	11.41
010YR008HR	smf-2b	136.0034	11.41
010YR008HR	smf-2b	136.2534	11.41
010YR008HR	smf-2b	136.5034	11.41
010YR008HR	smf-2b	136.7534	11.41
010YR008HR	smf-2b	137.0034	11.41
010YR008HR	smf-2b	137.2534	11.41
010YR008HR	smf-2b	137.5034	11.41
010YR008HR	smf-2b	137.7534	11.41
010YR008HR	smf-2b	138.0034	11.41
010YR008HR	smf-2b	138.2534	11.41
010YR008HR	smf-2b	138.5034	11.41
010YR008HR	smf-2b	138.7534	11.41
010YR008HR	smf-2b	139.0034	11.40
010YR008HR	smf-2b	139.2534	11.40
010YR008HR	smf-2b	139.5034	11.40
010YR008HR	smf-2b	139.7534	11.40
010YR008HR	smf-2b	140.0034	11.40
010YR008HR	smf-2b	140.2534	11.40
010YR008HR	smf-2b	140.5034	11.40
010YR008HR	smf-2b	140.7534	11.40
010YR008HR	smf-2b	141.0034	11.40
010YR008HR	smf-2b	141.2534	11.40
010YR008HR	smf-2b	141.5034	11.40
010YR008HR	smf-2b	141.7534	11.40
010YR008HR	smf-2b	142.0034	11.40
010YR008HR	smf-2b	142.2534	11.40
010YR008HR	smf-2b	142.5034	11.40
010YR008HR	smf-2b	142.7534	11.40
010YR008HR	smf-2b	143.0034	11.40
010YR008HR	smf-2b	143.2534	11.40
010YR008HR	smf-2b	143.5034	11.40
010YR008HR	smf-2b	143.7534	11.40
010YR008HR	smf-2b	144.0034	11.40
010YR008HR	smf-2b	144.2534	11.40

10yr-8hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR008HR	smf-2c	161.7534	11.87
010YR008HR	smf-2c	162.0034	11.87
010YR008HR	smf-2c	162.2534	11.87
010YR008HR	smf-2c	162.5034	11.87
010YR008HR	smf-2c	162.7534	11.87
010YR008HR	smf-2c	163.0034	11.87
010YR008HR	smf-2c	163.2534	11.87
010YR008HR	smf-2c	163.5034	11.87
010YR008HR	smf-2c	163.7534	11.87
010YR008HR	smf-2c	164.0034	11.87
010YR008HR	smf-2c	164.2534	11.87
010YR008HR	smf-2c	164.5034	11.87
010YR008HR	smf-2c	164.7534	11.87
010YR008HR	smf-2c	165.0034	11.87
010YR008HR	smf-2c	165.2534	11.87
010YR008HR	smf-2c	165.5034	11.87
010YR008HR	smf-2c	165.7534	11.87
010YR008HR	smf-2c	166.0034	11.86
010YR008HR	smf-2c	166.2534	11.86
010YR008HR	smf-2c	166.5034	11.86
010YR008HR	smf-2c	166.7534	11.86
010YR008HR	smf-2c	167.0034	11.86
010YR008HR	smf-2c	167.2534	11.86
010YR008HR	smf-2c	167.5034	11.86
010YR008HR	smf-2c	167.7534	11.86
010YR008HR	smf-2c	168.0034	11.86
010YR008HR	smf-2c	168.2534	11.86
010YR008HR	smf-2c	168.5034	11.86
010YR008HR	smf-2c	168.7534	11.86
010YR008HR	smf-2c	169.0034	11.86
010YR008HR	smf-2c	169.2534	11.86
010YR008HR	smf-2c	169.5034	11.86
010YR008HR	smf-2c	169.7534	11.86
010YR008HR	smf-2c	170.0034	11.85
010YR008HR	smf-2c	170.2534	11.85
010YR008HR	smf-2c	170.5034	11.85
010YR008HR	smf-2c	170.7534	11.85
010YR008HR	smf-2c	171.0034	11.85
010YR008HR	smf-2c	171.2534	11.85
010YR008HR	smf-2c	171.5034	11.85
010YR008HR	smf-2c	171.7534	11.85
010YR008HR	smf-2c	172.0034	11.85

10yr-8hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR008HR	smf-3a	158.0034	11.91
010YR008HR	smf-3a	158.2534	11.91
010YR008HR	smf-3a	158.5034	11.91
010YR008HR	smf-3a	158.7534	11.91
010YR008HR	smf-3a	159.0034	11.91
010YR008HR	smf-3a	159.2534	11.91
010YR008HR	smf-3a	159.5034	11.91
010YR008HR	smf-3a	159.7534	11.91
010YR008HR	smf-3a	160.0034	11.90
010YR008HR	smf-3a	160.2534	11.90
010YR008HR	smf-3a	160.5034	11.90
010YR008HR	smf-3a	160.7534	11.90
010YR008HR	smf-3a	161.0034	11.90
010YR008HR	smf-3a	161.2534	11.90
010YR008HR	smf-3a	161.5034	11.90
010YR008HR	smf-3a	161.7534	11.90
010YR008HR	smf-3a	162.0034	11.90
010YR008HR	smf-3a	162.2534	11.90
010YR008HR	smf-3a	162.5034	11.90
010YR008HR	smf-3a	162.7534	11.90
010YR008HR	smf-3a	163.0034	11.90
010YR008HR	smf-3a	163.2534	11.90
010YR008HR	smf-3a	163.5034	11.90
010YR008HR	smf-3a	163.7534	11.90
010YR008HR	smf-3a	164.0034	11.90
010YR008HR	smf-3a	164.2534	11.90
010YR008HR	smf-3a	164.5034	11.90
010YR008HR	smf-3a	164.7534	11.90
010YR008HR	smf-3a	165.0034	11.90
010YR008HR	smf-3a	165.2534	11.90
010YR008HR	smf-3a	165.5034	11.90
010YR008HR	smf-3a	165.7534	11.90
010YR008HR	smf-3a	166.0034	11.90
010YR008HR	smf-3a	166.2534	11.90
010YR008HR	smf-3a	166.5034	11.90
010YR008HR	smf-3a	166.7534	11.90
010YR008HR	smf-3a	167.0034	11.90
010YR008HR	smf-3a	167.2534	11.90
010YR008HR	smf-3a	167.5034	11.90
010YR008HR	smf-3a	167.7534	11.90
010YR008HR	smf-3a	168.0034	11.90
010YR008HR	smf-3a	168.2534	11.90

10yr-8hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR008HR	smf-3b	185.7534	11.26
010YR008HR	smf-3b	186.0034	11.26
010YR008HR	smf-3b	186.2534	11.26
010YR008HR	smf-3b	186.5034	11.26
010YR008HR	smf-3b	186.7534	11.26
010YR008HR	smf-3b	187.0034	11.26
010YR008HR	smf-3b	187.2534	11.26
010YR008HR	smf-3b	187.5034	11.26
010YR008HR	smf-3b	187.7534	11.26
010YR008HR	smf-3b	188.0034	11.26
010YR008HR	smf-3b	188.2534	11.26
010YR008HR	smf-3b	188.5034	11.26
010YR008HR	smf-3b	188.7534	11.26
010YR008HR	smf-3b	189.0034	11.25
010YR008HR	smf-3b	189.2534	11.25
010YR008HR	smf-3b	189.5034	11.25
010YR008HR	smf-3b	189.7534	11.25
010YR008HR	smf-3b	190.0034	11.25
010YR008HR	smf-3b	190.2534	11.25
010YR008HR	smf-3b	190.5034	11.25
010YR008HR	smf-3b	190.7534	11.25
010YR008HR	smf-3b	191.0034	11.25
010YR008HR	smf-3b	191.2534	11.25
010YR008HR	smf-3b	191.5034	11.25
010YR008HR	smf-3b	191.7534	11.25
010YR008HR	smf-3b	192.0034	11.25
010YR008HR	smf-3b	192.2534	11.25
010YR008HR	smf-3b	192.5034	11.25
010YR008HR	smf-3b	192.7534	11.25
010YR008HR	smf-3b	193.0034	11.25
010YR008HR	smf-3b	193.2534	11.25
010YR008HR	smf-3b	193.5034	11.25
010YR008HR	smf-3b	193.7534	11.25
010YR008HR	smf-3b	194.0034	11.25
010YR008HR	smf-3b	194.2534	11.25
010YR008HR	smf-3b	194.5034	11.25
010YR008HR	smf-3b	194.7534	11.25
010YR008HR	smf-3b	195.0034	11.25
010YR008HR	smf-3b	195.2534	11.25
010YR008HR	smf-3b	195.5034	11.25
010YR008HR	smf-3b	195.7534	11.25
010YR008HR	smf-3b	196.0034	11.25

10yr-8hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR024HR	smf-1a	308.0082	12.46
010YR024HR	smf-1a	308.2582	12.46
010YR024HR	smf-1a	308.5082	12.46
010YR024HR	smf-1a	308.7582	12.46
010YR024HR	smf-1a	309.0082	12.46
010YR024HR	smf-1a	309.2582	12.46
010YR024HR	smf-1a	309.5082	12.46
010YR024HR	smf-1a	309.7582	12.46
010YR024HR	smf-1a	310.0082	12.46
010YR024HR	smf-1a	310.2582	12.46
010YR024HR	smf-1a	310.5082	12.46
010YR024HR	smf-1a	310.7582	12.45
010YR024HR	smf-1a	311.0082	12.45
010YR024HR	smf-1a	311.2582	12.45
010YR024HR	smf-1a	311.5082	12.45
010YR024HR	smf-1a	311.7582	12.45
010YR024HR	smf-1a	312.0082	12.45
010YR024HR	smf-1a	312.2582	12.45
010YR024HR	smf-1a	312.5082	12.45
010YR024HR	smf-1a	312.7582	12.45
010YR024HR	smf-1a	313.0082	12.45
010YR024HR	smf-1a	313.2582	12.45
010YR024HR	smf-1a	313.5082	12.45
010YR024HR	smf-1a	313.7582	12.45
010YR024HR	smf-1a	314.0082	12.45
010YR024HR	smf-1a	314.2582	12.45
010YR024HR	smf-1a	314.5082	12.45
010YR024HR	smf-1a	314.7582	12.45
010YR024HR	smf-1a	315.0082	12.45
010YR024HR	smf-1a	315.2582	12.45
010YR024HR	smf-1a	315.5082	12.45
010YR024HR	smf-1a	315.7582	12.45
010YR024HR	smf-1a	316.0082	12.45
010YR024HR	smf-1a	316.2582	12.45
010YR024HR	smf-1a	316.5082	12.45
010YR024HR	smf-1a	316.7582	12.45
010YR024HR	smf-1a	317.0082	12.45
010YR024HR	smf-1a	317.2582	12.45
010YR024HR	smf-1a	317.5082	12.45
010YR024HR	smf-1a	317.7582	12.45
010YR024HR	smf-1a	318.0082	12.45
010YR024HR	smf-1a	318.2582	12.45

10yr-24hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR024HR	smf-1b	193.7582	13.01
010YR024HR	smf-1b	194.0082	13.01
010YR024HR	smf-1b	194.2582	13.01
010YR024HR	smf-1b	194.5082	13.01
010YR024HR	smf-1b	194.7582	13.01
010YR024HR	smf-1b	195.0082	13.01
010YR024HR	smf-1b	195.2582	13.01
010YR024HR	smf-1b	195.5082	13.01
010YR024HR	smf-1b	195.7582	13.01
010YR024HR	smf-1b	196.0082	13.00
010YR024HR	smf-1b	196.2582	13.00
010YR024HR	smf-1b	196.5082	13.00
010YR024HR	smf-1b	196.7582	13.00
010YR024HR	smf-1b	197.0082	13.00
010YR024HR	smf-1b	197.2582	13.00
010YR024HR	smf-1b	197.5082	13.00
010YR024HR	smf-1b	197.7582	13.00
010YR024HR	smf-1b	198.0082	13.00
010YR024HR	smf-1b	198.2582	13.00
010YR024HR	smf-1b	198.5082	13.00
010YR024HR	smf-1b	198.7582	13.00
010YR024HR	smf-1b	199.0082	13.00
010YR024HR	smf-1b	199.2582	13.00
010YR024HR	smf-1b	199.5082	13.00
010YR024HR	smf-1b	199.7582	13.00
010YR024HR	smf-1b	200.0082	13.00
010YR024HR	smf-1b	200.2582	13.00
010YR024HR	smf-1b	200.5082	13.00
010YR024HR	smf-1b	200.7582	13.00
010YR024HR	smf-1b	201.0082	13.00
010YR024HR	smf-1b	201.2582	13.00
010YR024HR	smf-1b	201.5082	13.00
010YR024HR	smf-1b	201.7582	13.00
010YR024HR	smf-1b	202.0082	13.00
010YR024HR	smf-1b	202.2582	13.00
010YR024HR	smf-1b	202.5082	13.00
010YR024HR	smf-1b	202.7582	13.00
010YR024HR	smf-1b	203.0082	13.00
010YR024HR	smf-1b	203.2582	13.00
010YR024HR	smf-1b	203.5082	13.00
010YR024HR	smf-1b	203.7582	13.00
010YR024HR	smf-1b	204.0082	13.00

10yr-24hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR024HR	smf-2a	268.5082	12.11
010YR024HR	smf-2a	268.7582	12.11
010YR024HR	smf-2a	269.0082	12.11
010YR024HR	smf-2a	269.2582	12.10
010YR024HR	smf-2a	269.5082	12.10
010YR024HR	smf-2a	269.7582	12.10
010YR024HR	smf-2a	270.0082	12.10
010YR024HR	smf-2a	270.2582	12.10
010YR024HR	smf-2a	270.5082	12.10
010YR024HR	smf-2a	270.7582	12.10
010YR024HR	smf-2a	271.0082	12.10
010YR024HR	smf-2a	271.2582	12.10
010YR024HR	smf-2a	271.5082	12.10
010YR024HR	smf-2a	271.7582	12.10
010YR024HR	smf-2a	272.0082	12.10
010YR024HR	smf-2a	272.2582	12.10
010YR024HR	smf-2a	272.5082	12.10
010YR024HR	smf-2a	272.7582	12.10
010YR024HR	smf-2a	273.0082	12.10
010YR024HR	smf-2a	273.2582	12.10
010YR024HR	smf-2a	273.5082	12.10
010YR024HR	smf-2a	273.7582	12.10
010YR024HR	smf-2a	274.0082	12.10
010YR024HR	smf-2a	274.2582	12.10
010YR024HR	smf-2a	274.5082	12.10
010YR024HR	smf-2a	274.7582	12.10
010YR024HR	smf-2a	275.0082	12.10
010YR024HR	smf-2a	275.2582	12.10
010YR024HR	smf-2a	275.5082	12.10
010YR024HR	smf-2a	275.7582	12.10
010YR024HR	smf-2a	276.0082	12.10
010YR024HR	smf-2a	276.2582	12.10
010YR024HR	smf-2a	276.5082	12.10
010YR024HR	smf-2a	276.7582	12.10
010YR024HR	smf-2a	277.0082	12.10
010YR024HR	smf-2a	277.2582	12.10
010YR024HR	smf-2a	277.5082	12.10
010YR024HR	smf-2a	277.7582	12.10
010YR024HR	smf-2a	278.0082	12.10
010YR024HR	smf-2a	278.2582	12.10
010YR024HR	smf-2a	278.5082	12.10
010YR024HR	smf-2a	278.7582	12.10

10yr-24hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR024HR	smf-2b	217.2582	11.41
010YR024HR	smf-2b	217.5082	11.41
010YR024HR	smf-2b	217.7582	11.41
010YR024HR	smf-2b	218.0082	11.41
010YR024HR	smf-2b	218.2582	11.41
010YR024HR	smf-2b	218.5082	11.41
010YR024HR	smf-2b	218.7582	11.41
010YR024HR	smf-2b	219.0082	11.41
010YR024HR	smf-2b	219.2582	11.41
010YR024HR	smf-2b	219.5082	11.41
010YR024HR	smf-2b	219.7582	11.41
010YR024HR	smf-2b	220.0082	11.41
010YR024HR	smf-2b	220.2582	11.41
010YR024HR	smf-2b	220.5082	11.41
010YR024HR	smf-2b	220.7582	11.41
010YR024HR	smf-2b	221.0082	11.41
010YR024HR	smf-2b	221.2582	11.40
010YR024HR	smf-2b	221.5082	11.40
010YR024HR	smf-2b	221.7582	11.40
010YR024HR	smf-2b	222.0082	11.40
010YR024HR	smf-2b	222.2582	11.40
010YR024HR	smf-2b	222.5082	11.40
010YR024HR	smf-2b	222.7582	11.40
010YR024HR	smf-2b	223.0082	11.40
010YR024HR	smf-2b	223.2582	11.40
010YR024HR	smf-2b	223.5082	11.40
010YR024HR	smf-2b	223.7582	11.40
010YR024HR	smf-2b	224.0082	11.40
010YR024HR	smf-2b	224.2582	11.40
010YR024HR	smf-2b	224.5082	11.40
010YR024HR	smf-2b	224.7582	11.40
010YR024HR	smf-2b	225.0082	11.40
010YR024HR	smf-2b	225.2582	11.40
010YR024HR	smf-2b	225.5082	11.40
010YR024HR	smf-2b	225.7582	11.40
010YR024HR	smf-2b	226.0082	11.40
010YR024HR	smf-2b	226.2582	11.40
010YR024HR	smf-2b	226.5082	11.40
010YR024HR	smf-2b	226.7582	11.40
010YR024HR	smf-2b	227.0082	11.40
010YR024HR	smf-2b	227.2582	11.40
010YR024HR	smf-2b	227.5082	11.40

10yr-24hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR024HR	smf-2c	250.0082	11.87
010YR024HR	smf-2c	250.2582	11.87
010YR024HR	smf-2c	250.5082	11.87
010YR024HR	smf-2c	250.7582	11.87
010YR024HR	smf-2c	251.0082	11.87
010YR024HR	smf-2c	251.2582	11.87
010YR024HR	smf-2c	251.5082	11.87
010YR024HR	smf-2c	251.7582	11.87
010YR024HR	smf-2c	252.0082	11.87
010YR024HR	smf-2c	252.2582	11.87
010YR024HR	smf-2c	252.5082	11.87
010YR024HR	smf-2c	252.7582	11.86
010YR024HR	smf-2c	253.0082	11.86
010YR024HR	smf-2c	253.2582	11.86
010YR024HR	smf-2c	253.5082	11.86
010YR024HR	smf-2c	253.7582	11.86
010YR024HR	smf-2c	254.0082	11.86
010YR024HR	smf-2c	254.2582	11.86
010YR024HR	smf-2c	254.5082	11.86
010YR024HR	smf-2c	254.7582	11.86
010YR024HR	smf-2c	255.0082	11.86
010YR024HR	smf-2c	255.2582	11.86
010YR024HR	smf-2c	255.5082	11.86
010YR024HR	smf-2c	255.7582	11.86
010YR024HR	smf-2c	256.0082	11.86
010YR024HR	smf-2c	256.2582	11.86
010YR024HR	smf-2c	256.5082	11.86
010YR024HR	smf-2c	256.7582	11.86
010YR024HR	smf-2c	257.0082	11.86
010YR024HR	smf-2c	257.2582	11.86
010YR024HR	smf-2c	257.5082	11.86
010YR024HR	smf-2c	257.7582	11.86
010YR024HR	smf-2c	258.0082	11.86
010YR024HR	smf-2c	258.2582	11.86
010YR024HR	smf-2c	258.5082	11.86
010YR024HR	smf-2c	258.7582	11.86
010YR024HR	smf-2c	259.0082	11.85
010YR024HR	smf-2c	259.2582	11.85
010YR024HR	smf-2c	259.5082	11.85
010YR024HR	smf-2c	259.7582	11.85
010YR024HR	smf-2c	260.0082	11.85
010YR024HR	smf-2c	260.2582	11.85

10yr-24hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR024HR	smf-3a	261.7582	11.91
010YR024HR	smf-3a	262.0082	11.91
010YR024HR	smf-3a	262.2582	11.91
010YR024HR	smf-3a	262.5082	11.91
010YR024HR	smf-3a	262.7582	11.91
010YR024HR	smf-3a	263.0082	11.91
010YR024HR	smf-3a	263.2582	11.91
010YR024HR	smf-3a	263.5082	11.91
010YR024HR	smf-3a	263.7582	11.90
010YR024HR	smf-3a	264.0082	11.90
010YR024HR	smf-3a	264.2582	11.90
010YR024HR	smf-3a	264.5082	11.90
010YR024HR	smf-3a	264.7582	11.90
010YR024HR	smf-3a	265.0082	11.90
010YR024HR	smf-3a	265.2582	11.90
010YR024HR	smf-3a	265.5082	11.90
010YR024HR	smf-3a	265.7582	11.90
010YR024HR	smf-3a	266.0082	11.90
010YR024HR	smf-3a	266.2582	11.90
010YR024HR	smf-3a	266.5082	11.90
010YR024HR	smf-3a	266.7582	11.90
010YR024HR	smf-3a	267.0082	11.90
010YR024HR	smf-3a	267.2582	11.90
010YR024HR	smf-3a	267.5082	11.90
010YR024HR	smf-3a	267.7582	11.90
010YR024HR	smf-3a	268.0082	11.90
010YR024HR	smf-3a	268.2582	11.90
010YR024HR	smf-3a	268.5082	11.90
010YR024HR	smf-3a	268.7582	11.90
010YR024HR	smf-3a	269.0082	11.90
010YR024HR	smf-3a	269.2582	11.90
010YR024HR	smf-3a	269.5082	11.90
010YR024HR	smf-3a	269.7582	11.90
010YR024HR	smf-3a	270.0082	11.90
010YR024HR	smf-3a	270.2582	11.90
010YR024HR	smf-3a	270.5082	11.90
010YR024HR	smf-3a	270.7582	11.90
010YR024HR	smf-3a	271.0082	11.90
010YR024HR	smf-3a	271.2582	11.90
010YR024HR	smf-3a	271.5082	11.90
010YR024HR	smf-3a	271.7582	11.90
010YR024HR	smf-3a	272.0082	11.90

10yr-24hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR024HR	smf-3b	294.5082	11.26
010YR024HR	smf-3b	294.7582	11.26
010YR024HR	smf-3b	295.0082	11.26
010YR024HR	smf-3b	295.2582	11.26
010YR024HR	smf-3b	295.5082	11.26
010YR024HR	smf-3b	295.7582	11.26
010YR024HR	smf-3b	296.0082	11.26
010YR024HR	smf-3b	296.2582	11.26
010YR024HR	smf-3b	296.5082	11.26
010YR024HR	smf-3b	296.7582	11.26
010YR024HR	smf-3b	297.0082	11.26
010YR024HR	smf-3b	297.2582	11.26
010YR024HR	smf-3b	297.5082	11.26
010YR024HR	smf-3b	297.7582	11.26
010YR024HR	smf-3b	298.0082	11.26
010YR024HR	smf-3b	298.2582	11.26
010YR024HR	smf-3b	298.5082	11.26
010YR024HR	smf-3b	298.7582	11.26
010YR024HR	smf-3b	299.0082	11.25
010YR024HR	smf-3b	299.2582	11.25
010YR024HR	smf-3b	299.5082	11.25
010YR024HR	smf-3b	299.7582	11.25
010YR024HR	smf-3b	300.0082	11.25
010YR024HR	smf-3b	300.2582	11.25
010YR024HR	smf-3b	300.5082	11.25
010YR024HR	smf-3b	300.7582	11.25
010YR024HR	smf-3b	301.0082	11.25
010YR024HR	smf-3b	301.2582	11.25
010YR024HR	smf-3b	301.5082	11.25
010YR024HR	smf-3b	301.7582	11.25
010YR024HR	smf-3b	302.0082	11.25
010YR024HR	smf-3b	302.2582	11.25
010YR024HR	smf-3b	302.5082	11.25
010YR024HR	smf-3b	302.7582	11.25
010YR024HR	smf-3b	303.0082	11.25
010YR024HR	smf-3b	303.2582	11.25
010YR024HR	smf-3b	303.5082	11.25
010YR024HR	smf-3b	303.7582	11.25
010YR024HR	smf-3b	304.0082	11.25
010YR024HR	smf-3b	304.2582	11.25
010YR024HR	smf-3b	304.5082	11.25
010YR024HR	smf-3b	304.7582	11.25

10yr-24hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR072HR	smf-1a	463.7552	12.45
010YR072HR	smf-1a	464.0052	12.45
010YR072HR	smf-1a	464.2552	12.45
010YR072HR	smf-1a	464.5052	12.45
010YR072HR	smf-1a	464.7552	12.45
010YR072HR	smf-1a	465.0052	12.45
010YR072HR	smf-1a	465.2552	12.45
010YR072HR	smf-1a	465.5052	12.45
010YR072HR	smf-1a	465.7552	12.45
010YR072HR	smf-1a	466.0052	12.45
010YR072HR	smf-1a	466.2552	12.45
010YR072HR	smf-1a	466.5052	12.45
010YR072HR	smf-1a	466.7552	12.45
010YR072HR	smf-1a	467.0052	12.45
010YR072HR	smf-1a	467.2552	12.45
010YR072HR	smf-1a	467.5052	12.45
010YR072HR	smf-1a	467.7552	12.45
010YR072HR	smf-1a	468.0052	12.45
010YR072HR	smf-1a	468.2552	12.45
010YR072HR	smf-1a	468.5052	12.45
010YR072HR	smf-1a	468.7552	12.45
010YR072HR	smf-1a	469.0052	12.45
010YR072HR	smf-1a	469.2552	12.45
010YR072HR	smf-1a	469.5052	12.45
010YR072HR	smf-1a	469.7552	12.45
010YR072HR	smf-1a	470.0052	12.45
010YR072HR	smf-1a	470.2552	12.45
010YR072HR	smf-1a	470.5052	12.45
010YR072HR	smf-1a	470.7552	12.45
010YR072HR	smf-1a	471.0052	12.45
010YR072HR	smf-1a	471.2552	12.45
010YR072HR	smf-1a	471.5052	12.45
010YR072HR	smf-1a	471.7552	12.45
010YR072HR	smf-1a	472.0052	12.45
010YR072HR	smf-1a	472.2552	12.45
010YR072HR	smf-1a	472.5052	12.45
010YR072HR	smf-1a	472.7552	12.45
010YR072HR	smf-1a	473.0052	12.45
010YR072HR	smf-1a	473.2552	12.45
010YR072HR	smf-1a	473.5052	12.45
010YR072HR	smf-1a	473.7552	12.45
010YR072HR	smf-1a	474.0052	12.45

10yr-72hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR072HR	smf-1b	417.0052	13.00
010YR072HR	smf-1b	417.2552	13.00
010YR072HR	smf-1b	417.5052	13.00
010YR072HR	smf-1b	417.7552	13.00
010YR072HR	smf-1b	418.0052	13.00
010YR072HR	smf-1b	418.2552	13.00
010YR072HR	smf-1b	418.5052	13.00
010YR072HR	smf-1b	418.7552	13.00
010YR072HR	smf-1b	419.0052	13.00
010YR072HR	smf-1b	419.2552	13.00
010YR072HR	smf-1b	419.5052	13.00
010YR072HR	smf-1b	419.7552	13.00
010YR072HR	smf-1b	420.0052	13.00
010YR072HR	smf-1b	420.2552	13.00
010YR072HR	smf-1b	420.5052	13.00
010YR072HR	smf-1b	420.7552	13.00
010YR072HR	smf-1b	421.0052	13.00
010YR072HR	smf-1b	421.2552	13.00
010YR072HR	smf-1b	421.5052	13.00
010YR072HR	smf-1b	421.7552	13.00
010YR072HR	smf-1b	422.0052	13.00
010YR072HR	smf-1b	422.2552	13.00
010YR072HR	smf-1b	422.5052	13.00
010YR072HR	smf-1b	422.7552	13.00
010YR072HR	smf-1b	423.0052	13.00
010YR072HR	smf-1b	423.2552	13.00
010YR072HR	smf-1b	423.5052	13.00
010YR072HR	smf-1b	423.7552	13.00
010YR072HR	smf-1b	424.0052	13.00
010YR072HR	smf-1b	424.2552	13.00
010YR072HR	smf-1b	424.5052	13.00
010YR072HR	smf-1b	424.7552	13.00
010YR072HR	smf-1b	425.0052	13.00
010YR072HR	smf-1b	425.2552	13.00
010YR072HR	smf-1b	425.5052	13.00
010YR072HR	smf-1b	425.7552	13.00
010YR072HR	smf-1b	426.0052	13.00
010YR072HR	smf-1b	426.2552	13.00
010YR072HR	smf-1b	426.5052	13.00
010YR072HR	smf-1b	426.7552	13.00
010YR072HR	smf-1b	427.0052	13.00
010YR072HR	smf-1b	427.2552	13.00

10yr-72hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR072HR	smf-2a	464.7552	12.11
010YR072HR	smf-2a	465.0052	12.11
010YR072HR	smf-2a	465.2552	12.11
010YR072HR	smf-2a	465.5052	12.11
010YR072HR	smf-2a	465.7552	12.11
010YR072HR	smf-2a	466.0052	12.11
010YR072HR	smf-2a	466.2552	12.11
010YR072HR	smf-2a	466.5052	12.11
010YR072HR	smf-2a	466.7552	12.11
010YR072HR	smf-2a	467.0052	12.11
010YR072HR	smf-2a	467.2552	12.11
010YR072HR	smf-2a	467.5052	12.11
010YR072HR	smf-2a	467.7552	12.11
010YR072HR	smf-2a	468.0052	12.11
010YR072HR	smf-2a	468.2552	12.11
010YR072HR	smf-2a	468.5052	12.11
010YR072HR	smf-2a	468.7552	12.11
010YR072HR	smf-2a	469.0052	12.11
010YR072HR	smf-2a	469.2552	12.11
010YR072HR	smf-2a	469.5052	12.11
010YR072HR	smf-2a	469.7552	12.11
010YR072HR	smf-2a	470.0052	12.11
010YR072HR	smf-2a	470.2552	12.11
010YR072HR	smf-2a	470.5052	12.11
010YR072HR	smf-2a	470.7552	12.11
010YR072HR	smf-2a	471.0052	12.11
010YR072HR	smf-2a	471.2552	12.11
010YR072HR	smf-2a	471.5052	12.11
010YR072HR	smf-2a	471.7552	12.11
010YR072HR	smf-2a	472.0052	12.11
010YR072HR	smf-2a	472.2552	12.11
010YR072HR	smf-2a	472.5052	12.11
010YR072HR	smf-2a	472.7552	12.11
010YR072HR	smf-2a	473.0052	12.11
010YR072HR	smf-2a	473.2552	12.11
010YR072HR	smf-2a	473.5052	12.11
010YR072HR	smf-2a	473.7552	12.11
010YR072HR	smf-2a	474.0052	12.11
010YR072HR	smf-2a	474.2552	12.11
010YR072HR	smf-2a	474.5052	12.10
010YR072HR	smf-2a	474.7552	12.10
010YR072HR	smf-2a	475.0052	12.10

10yr-72hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR072HR	smf-2b	386.5052	11.41
010YR072HR	smf-2b	386.7552	11.41
010YR072HR	smf-2b	387.0052	11.41
010YR072HR	smf-2b	387.2552	11.41
010YR072HR	smf-2b	387.5052	11.41
010YR072HR	smf-2b	387.7552	11.41
010YR072HR	smf-2b	388.0052	11.41
010YR072HR	smf-2b	388.2552	11.41
010YR072HR	smf-2b	388.5052	11.41
010YR072HR	smf-2b	388.7552	11.41
010YR072HR	smf-2b	389.0052	11.41
010YR072HR	smf-2b	389.2552	11.41
010YR072HR	smf-2b	389.5052	11.41
010YR072HR	smf-2b	389.7552	11.41
010YR072HR	smf-2b	390.0052	11.41
010YR072HR	smf-2b	390.2552	11.41
010YR072HR	smf-2b	390.5052	11.41
010YR072HR	smf-2b	390.7552	11.41
010YR072HR	smf-2b	391.0052	11.41
010YR072HR	smf-2b	391.2552	11.41
010YR072HR	smf-2b	391.5052	11.41
010YR072HR	smf-2b	391.7552	11.40
010YR072HR	smf-2b	392.0052	11.40
010YR072HR	smf-2b	392.2552	11.40
010YR072HR	smf-2b	392.5052	11.40
010YR072HR	smf-2b	392.7552	11.40
010YR072HR	smf-2b	393.0052	11.40
010YR072HR	smf-2b	393.2552	11.40
010YR072HR	smf-2b	393.5052	11.40
010YR072HR	smf-2b	393.7552	11.40
010YR072HR	smf-2b	394.0052	11.40
010YR072HR	smf-2b	394.2552	11.40
010YR072HR	smf-2b	394.5052	11.40
010YR072HR	smf-2b	394.7552	11.40
010YR072HR	smf-2b	395.0052	11.40
010YR072HR	smf-2b	395.2552	11.40
010YR072HR	smf-2b	395.5052	11.40
010YR072HR	smf-2b	395.7552	11.40
010YR072HR	smf-2b	396.0052	11.40
010YR072HR	smf-2b	396.2552	11.40
010YR072HR	smf-2b	396.5052	11.40
010YR072HR	smf-2b	396.7552	11.40

10yr-72hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR072HR	smf-2c	455.2552	11.86
010YR072HR	smf-2c	455.5052	11.86
010YR072HR	smf-2c	455.7552	11.86
010YR072HR	smf-2c	456.0052	11.86
010YR072HR	smf-2c	456.2552	11.86
010YR072HR	smf-2c	456.5052	11.86
010YR072HR	smf-2c	456.7552	11.86
010YR072HR	smf-2c	457.0052	11.86
010YR072HR	smf-2c	457.2552	11.86
010YR072HR	smf-2c	457.5052	11.86
010YR072HR	smf-2c	457.7552	11.86
010YR072HR	smf-2c	458.0052	11.86
010YR072HR	smf-2c	458.2552	11.86
010YR072HR	smf-2c	458.5052	11.86
010YR072HR	smf-2c	458.7552	11.86
010YR072HR	smf-2c	459.0052	11.85
010YR072HR	smf-2c	459.2552	11.85
010YR072HR	smf-2c	459.5052	11.85
010YR072HR	smf-2c	459.7552	11.85
010YR072HR	smf-2c	460.0052	11.85
010YR072HR	smf-2c	460.2552	11.85
010YR072HR	smf-2c	460.5052	11.85
010YR072HR	smf-2c	460.7552	11.85
010YR072HR	smf-2c	461.0052	11.85
010YR072HR	smf-2c	461.2552	11.85
010YR072HR	smf-2c	461.5052	11.85
010YR072HR	smf-2c	461.7552	11.85
010YR072HR	smf-2c	462.0052	11.85
010YR072HR	smf-2c	462.2552	11.85
010YR072HR	smf-2c	462.5052	11.85
010YR072HR	smf-2c	462.7552	11.85
010YR072HR	smf-2c	463.0052	11.85
010YR072HR	smf-2c	463.2552	11.85
010YR072HR	smf-2c	463.5052	11.85
010YR072HR	smf-2c	463.7552	11.85
010YR072HR	smf-2c	464.0052	11.85
010YR072HR	smf-2c	464.2552	11.85
010YR072HR	smf-2c	464.5052	11.85
010YR072HR	smf-2c	464.7552	11.85
010YR072HR	smf-2c	465.0052	11.85
010YR072HR	smf-2c	465.2552	11.85
010YR072HR	smf-2c	465.5052	11.85

10yr-72hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR072HR	smf-3a	524.0052	11.91
010YR072HR	smf-3a	524.2552	11.91
010YR072HR	smf-3a	524.5052	11.91
010YR072HR	smf-3a	524.7552	11.91
010YR072HR	smf-3a	525.0052	11.91
010YR072HR	smf-3a	525.2552	11.91
010YR072HR	smf-3a	525.5052	11.91
010YR072HR	smf-3a	525.7552	11.91
010YR072HR	smf-3a	526.0052	11.91
010YR072HR	smf-3a	526.2552	11.91
010YR072HR	smf-3a	526.5052	11.91
010YR072HR	smf-3a	526.7552	11.91
010YR072HR	smf-3a	527.0052	11.91
010YR072HR	smf-3a	527.2552	11.91
010YR072HR	smf-3a	527.5052	11.91
010YR072HR	smf-3a	527.7552	11.91
010YR072HR	smf-3a	528.0052	11.91
010YR072HR	smf-3a	528.2552	11.91
010YR072HR	smf-3a	528.5052	11.91
010YR072HR	smf-3a	528.7552	11.91
010YR072HR	smf-3a	529.0052	11.91
010YR072HR	smf-3a	529.2552	11.91
010YR072HR	smf-3a	529.5052	11.90
010YR072HR	smf-3a	529.7552	11.90
010YR072HR	smf-3a	530.0052	11.90
010YR072HR	smf-3a	530.2552	11.90
010YR072HR	smf-3a	530.5052	11.90
010YR072HR	smf-3a	530.7552	11.90
010YR072HR	smf-3a	531.0052	11.90
010YR072HR	smf-3a	531.2552	11.90
010YR072HR	smf-3a	531.5052	11.90
010YR072HR	smf-3a	531.7552	11.90
010YR072HR	smf-3a	532.0052	11.90
010YR072HR	smf-3a	532.2552	11.90
010YR072HR	smf-3a	532.5052	11.90
010YR072HR	smf-3a	532.7552	11.90
010YR072HR	smf-3a	533.0052	11.90
010YR072HR	smf-3a	533.2552	11.90
010YR072HR	smf-3a	533.5052	11.90
010YR072HR	smf-3a	533.7552	11.90
010YR072HR	smf-3a	534.0052	11.90
010YR072HR	smf-3a	534.2552	11.90

10yr-72hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
010YR072HR	smf-3b	550.7552	11.26
010YR072HR	smf-3b	551.0052	11.26
010YR072HR	smf-3b	551.2552	11.26
010YR072HR	smf-3b	551.5052	11.26
010YR072HR	smf-3b	551.7552	11.26
010YR072HR	smf-3b	552.0052	11.26
010YR072HR	smf-3b	552.2552	11.26
010YR072HR	smf-3b	552.5052	11.26
010YR072HR	smf-3b	552.7552	11.26
010YR072HR	smf-3b	553.0052	11.26
010YR072HR	smf-3b	553.2552	11.26
010YR072HR	smf-3b	553.5052	11.26
010YR072HR	smf-3b	553.7552	11.26
010YR072HR	smf-3b	554.0052	11.26
010YR072HR	smf-3b	554.2552	11.26
010YR072HR	smf-3b	554.5052	11.26
010YR072HR	smf-3b	554.7552	11.26
010YR072HR	smf-3b	555.0052	11.26
010YR072HR	smf-3b	555.2552	11.26
010YR072HR	smf-3b	555.5052	11.26
010YR072HR	smf-3b	555.7552	11.26
010YR072HR	smf-3b	556.0052	11.26
010YR072HR	smf-3b	556.2552	11.26
010YR072HR	smf-3b	556.5052	11.26
010YR072HR	smf-3b	556.7552	11.26
010YR072HR	smf-3b	557.0052	11.26
010YR072HR	smf-3b	557.2552	11.26
010YR072HR	smf-3b	557.5052	11.26
010YR072HR	smf-3b	557.7552	11.26
010YR072HR	smf-3b	558.0052	11.26
010YR072HR	smf-3b	558.2552	11.26
010YR072HR	smf-3b	558.5052	11.26
010YR072HR	smf-3b	558.7552	11.25
010YR072HR	smf-3b	559.0052	11.25
010YR072HR	smf-3b	559.2552	11.25
010YR072HR	smf-3b	559.5052	11.25
010YR072HR	smf-3b	559.7552	11.25
010YR072HR	smf-3b	560.0052	11.25
010YR072HR	smf-3b	560.2552	11.25
010YR072HR	smf-3b	560.5052	11.25
010YR072HR	smf-3b	560.7552	11.25
010YR072HR	smf-3b	561.0052	11.25



010YR072HR	smf-3b	558.7552	11.25
010YR072HR	smf-3b	559.0052	11.25
010YR072HR	smf-3b	559.2552	11.25

10yr-72hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR001HR	smf-1a	52.5050	12.46
025YR001HR	smf-1a	52.7550	12.45
025YR001HR	smf-1a	53.0050	12.45
025YR001HR	smf-1a	53.2550	12.45
025YR001HR	smf-1a	53.5050	12.45
025YR001HR	smf-1a	53.7550	12.45
025YR001HR	smf-1a	54.0050	12.45
025YR001HR	smf-1a	54.2550	12.45
025YR001HR	smf-1a	54.5050	12.45
025YR001HR	smf-1a	54.7550	12.45
025YR001HR	smf-1a	55.0050	12.45
025YR001HR	smf-1a	55.2550	12.45
025YR001HR	smf-1a	55.5050	12.45
025YR001HR	smf-1a	55.7550	12.45
025YR001HR	smf-1a	56.0050	12.45
025YR001HR	smf-1a	56.2550	12.45
025YR001HR	smf-1a	56.5050	12.45
025YR001HR	smf-1a	56.7550	12.45
025YR001HR	smf-1a	57.0050	12.45
025YR001HR	smf-1a	57.2550	12.45
025YR001HR	smf-1a	57.5050	12.45
025YR001HR	smf-1a	57.7550	12.45
025YR001HR	smf-1a	58.0050	12.45
025YR001HR	smf-1a	58.2550	12.45
025YR001HR	smf-1a	58.5050	12.45
025YR001HR	smf-1a	58.7550	12.45
025YR001HR	smf-1a	59.0050	12.45
025YR001HR	smf-1a	59.2550	12.45
025YR001HR	smf-1a	59.5050	12.45
025YR001HR	smf-1a	59.7550	12.45
025YR001HR	smf-1a	60.0050	12.45
025YR001HR	smf-1a	60.2550	12.45
025YR001HR	smf-1a	60.5050	12.45
025YR001HR	smf-1a	60.7550	12.45
025YR001HR	smf-1a	61.0050	12.45
025YR001HR	smf-1a	61.2550	12.45
025YR001HR	smf-1a	61.5050	12.45
025YR001HR	smf-1a	61.7550	12.45
025YR001HR	smf-1a	62.0050	12.45
025YR001HR	smf-1a	62.2550	12.45
025YR001HR	smf-1a	62.5050	12.45
025YR001HR	smf-1a	62.7550	12.45

25yr-1hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR001HR	smf-1b	45.2550	13.07
025YR001HR	smf-1b	45.5050	13.07
025YR001HR	smf-1b	45.7550	13.06
025YR001HR	smf-1b	46.0050	13.06
025YR001HR	smf-1b	46.2550	13.06
025YR001HR	smf-1b	46.5050	13.06
025YR001HR	smf-1b	46.7550	13.05
025YR001HR	smf-1b	47.0050	13.05
025YR001HR	smf-1b	47.2550	13.05
025YR001HR	smf-1b	47.5050	13.05
025YR001HR	smf-1b	47.7550	13.05
025YR001HR	smf-1b	48.0050	13.04
025YR001HR	smf-1b	48.2550	13.04
025YR001HR	smf-1b	48.5050	13.04
025YR001HR	smf-1b	48.7550	13.04
025YR001HR	smf-1b	49.0050	13.04
025YR001HR	smf-1b	49.2550	13.03
025YR001HR	smf-1b	49.5050	13.03
025YR001HR	smf-1b	49.7550	13.03
025YR001HR	smf-1b	50.0050	13.03
025YR001HR	smf-1b	50.2550	13.03
025YR001HR	smf-1b	50.5050	13.02
025YR001HR	smf-1b	50.7550	13.02
025YR001HR	smf-1b	51.0050	13.02
025YR001HR	smf-1b	51.2550	13.02
025YR001HR	smf-1b	51.5050	13.02
025YR001HR	smf-1b	51.7550	13.02
025YR001HR	smf-1b	52.0050	13.01
025YR001HR	smf-1b	52.2550	13.01
025YR001HR	smf-1b	52.5050	13.01
025YR001HR	smf-1b	52.7550	13.01
025YR001HR	smf-1b	53.0050	13.01
025YR001HR	smf-1b	53.2550	13.00
025YR001HR	smf-1b	53.5050	13.00
025YR001HR	smf-1b	53.7550	13.00
025YR001HR	smf-1b	54.0050	13.00
025YR001HR	smf-1b	54.2550	13.00
025YR001HR	smf-1b	54.5050	13.00
025YR001HR	smf-1b	54.7550	13.00
025YR001HR	smf-1b	55.0050	13.00
025YR001HR	smf-1b	55.2550	13.00
025YR001HR	smf-1b	55.5050	13.00

25yr-1hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR001HR	smf-2a	122.0050	12.11
025YR001HR	smf-2a	122.2550	12.11
025YR001HR	smf-2a	122.5050	12.11
025YR001HR	smf-2a	122.7550	12.11
025YR001HR	smf-2a	123.0050	12.11
025YR001HR	smf-2a	123.2550	12.11
025YR001HR	smf-2a	123.5050	12.11
025YR001HR	smf-2a	123.7550	12.10
025YR001HR	smf-2a	124.0050	12.10
025YR001HR	smf-2a	124.2550	12.10
025YR001HR	smf-2a	124.5050	12.10
025YR001HR	smf-2a	124.7550	12.10
025YR001HR	smf-2a	125.0050	12.10
025YR001HR	smf-2a	125.2550	12.10
025YR001HR	smf-2a	125.5050	12.10
025YR001HR	smf-2a	125.7550	12.10
025YR001HR	smf-2a	126.0050	12.10
025YR001HR	smf-2a	126.2550	12.10
025YR001HR	smf-2a	126.5050	12.10
025YR001HR	smf-2a	126.7550	12.10
025YR001HR	smf-2a	127.0050	12.10
025YR001HR	smf-2a	127.2550	12.10
025YR001HR	smf-2a	127.5050	12.10
025YR001HR	smf-2a	127.7550	12.10
025YR001HR	smf-2a	128.0050	12.10
025YR001HR	smf-2a	128.2550	12.10
025YR001HR	smf-2a	128.5050	12.10
025YR001HR	smf-2a	128.7550	12.10
025YR001HR	smf-2a	129.0050	12.10
025YR001HR	smf-2a	129.2550	12.10
025YR001HR	smf-2a	129.5050	12.10
025YR001HR	smf-2a	129.7550	12.10
025YR001HR	smf-2a	130.0050	12.10
025YR001HR	smf-2a	130.2550	12.10
025YR001HR	smf-2a	130.5050	12.10
025YR001HR	smf-2a	130.7550	12.10
025YR001HR	smf-2a	131.0050	12.10
025YR001HR	smf-2a	131.2550	12.10
025YR001HR	smf-2a	131.5050	12.10
025YR001HR	smf-2a	131.7550	12.10
025YR001HR	smf-2a	132.0050	12.10
025YR001HR	smf-2a	132.2550	12.10

25yr-1hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR001HR	smf-2b	83.2550	11.41
025YR001HR	smf-2b	83.5050	11.41
025YR001HR	smf-2b	83.7550	11.41
025YR001HR	smf-2b	84.0050	11.41
025YR001HR	smf-2b	84.2550	11.41
025YR001HR	smf-2b	84.5050	11.40
025YR001HR	smf-2b	84.7550	11.40
025YR001HR	smf-2b	85.0050	11.40
025YR001HR	smf-2b	85.2550	11.40
025YR001HR	smf-2b	85.5050	11.40
025YR001HR	smf-2b	85.7550	11.40
025YR001HR	smf-2b	86.0050	11.40
025YR001HR	smf-2b	86.2550	11.40
025YR001HR	smf-2b	86.5050	11.40
025YR001HR	smf-2b	86.7550	11.40
025YR001HR	smf-2b	87.0050	11.40
025YR001HR	smf-2b	87.2550	11.40
025YR001HR	smf-2b	87.5050	11.40
025YR001HR	smf-2b	87.7550	11.40
025YR001HR	smf-2b	88.0050	11.40
025YR001HR	smf-2b	88.2550	11.40
025YR001HR	smf-2b	88.5050	11.40
025YR001HR	smf-2b	88.7550	11.40
025YR001HR	smf-2b	89.0050	11.40
025YR001HR	smf-2b	89.2550	11.40
025YR001HR	smf-2b	89.5050	11.40
025YR001HR	smf-2b	89.7550	11.40
025YR001HR	smf-2b	90.0050	11.40
025YR001HR	smf-2b	90.2550	11.40
025YR001HR	smf-2b	90.5050	11.40
025YR001HR	smf-2b	90.7550	11.40
025YR001HR	smf-2b	91.0050	11.40
025YR001HR	smf-2b	91.2550	11.40
025YR001HR	smf-2b	91.5050	11.40
025YR001HR	smf-2b	91.7550	11.40
025YR001HR	smf-2b	92.0050	11.40
025YR001HR	smf-2b	92.2550	11.40
025YR001HR	smf-2b	92.5050	11.40
025YR001HR	smf-2b	92.7550	11.40
025YR001HR	smf-2b	93.0050	11.40
025YR001HR	smf-2b	93.2550	11.40
025YR001HR	smf-2b	93.5050	11.40

25yr-1hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR001HR	smf-2c	107.5050	11.88
025YR001HR	smf-2c	107.7550	11.88
025YR001HR	smf-2c	108.0050	11.87
025YR001HR	smf-2c	108.2550	11.87
025YR001HR	smf-2c	108.5050	11.87
025YR001HR	smf-2c	108.7550	11.87
025YR001HR	smf-2c	109.0050	11.87
025YR001HR	smf-2c	109.2550	11.87
025YR001HR	smf-2c	109.5050	11.87
025YR001HR	smf-2c	109.7550	11.87
025YR001HR	smf-2c	110.0050	11.87
025YR001HR	smf-2c	110.2550	11.87
025YR001HR	smf-2c	110.5050	11.87
025YR001HR	smf-2c	110.7550	11.86
025YR001HR	smf-2c	111.0050	11.86
025YR001HR	smf-2c	111.2550	11.86
025YR001HR	smf-2c	111.5050	11.86
025YR001HR	smf-2c	111.7550	11.86
025YR001HR	smf-2c	112.0050	11.86
025YR001HR	smf-2c	112.2550	11.86
025YR001HR	smf-2c	112.5050	11.86
025YR001HR	smf-2c	112.7550	11.86
025YR001HR	smf-2c	113.0050	11.86
025YR001HR	smf-2c	113.2550	11.86
025YR001HR	smf-2c	113.5050	11.86
025YR001HR	smf-2c	113.7550	11.85
025YR001HR	smf-2c	114.0050	11.85
025YR001HR	smf-2c	114.2550	11.85
025YR001HR	smf-2c	114.5050	11.85
025YR001HR	smf-2c	114.7550	11.85
025YR001HR	smf-2c	115.0050	11.85
025YR001HR	smf-2c	115.2550	11.85
025YR001HR	smf-2c	115.5050	11.85
025YR001HR	smf-2c	115.7550	11.85
025YR001HR	smf-2c	116.0050	11.85
025YR001HR	smf-2c	116.2550	11.85
025YR001HR	smf-2c	116.5050	11.85
025YR001HR	smf-2c	116.7550	11.85
025YR001HR	smf-2c	117.0050	11.85
025YR001HR	smf-2c	117.2550	11.85
025YR001HR	smf-2c	117.5050	11.85
025YR001HR	smf-2c	117.7550	11.85

25yr-1hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR001HR	smf-3a	89.7550	11.91
025YR001HR	smf-3a	90.0050	11.90
025YR001HR	smf-3a	90.2550	11.90
025YR001HR	smf-3a	90.5050	11.90
025YR001HR	smf-3a	90.7550	11.90
025YR001HR	smf-3a	91.0050	11.90
025YR001HR	smf-3a	91.2550	11.90
025YR001HR	smf-3a	91.5050	11.90
025YR001HR	smf-3a	91.7550	11.90
025YR001HR	smf-3a	92.0050	11.90
025YR001HR	smf-3a	92.2550	11.90
025YR001HR	smf-3a	92.5050	11.90
025YR001HR	smf-3a	92.7550	11.90
025YR001HR	smf-3a	93.0050	11.90
025YR001HR	smf-3a	93.2550	11.90
025YR001HR	smf-3a	93.5050	11.90
025YR001HR	smf-3a	93.7550	11.90
025YR001HR	smf-3a	94.0050	11.90
025YR001HR	smf-3a	94.2550	11.90
025YR001HR	smf-3a	94.5050	11.90
025YR001HR	smf-3a	94.7550	11.90
025YR001HR	smf-3a	95.0050	11.90
025YR001HR	smf-3a	95.2550	11.90
025YR001HR	smf-3a	95.5050	11.90
025YR001HR	smf-3a	95.7550	11.90
025YR001HR	smf-3a	96.0050	11.90
025YR001HR	smf-3a	96.2550	11.90
025YR001HR	smf-3a	96.5050	11.90
025YR001HR	smf-3a	96.7550	11.90
025YR001HR	smf-3a	97.0050	11.90
025YR001HR	smf-3a	97.2550	11.90
025YR001HR	smf-3a	97.5050	11.90
025YR001HR	smf-3a	97.7550	11.90
025YR001HR	smf-3a	98.0050	11.90
025YR001HR	smf-3a	98.2550	11.90
025YR001HR	smf-3a	98.5050	11.90
025YR001HR	smf-3a	98.7550	11.90
025YR001HR	smf-3a	99.0050	11.90
025YR001HR	smf-3a	99.2550	11.90
025YR001HR	smf-3a	99.5050	11.90
025YR001HR	smf-3a	99.7550	11.90
025YR001HR	smf-3a	100.0050	11.90

25yr-1hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR001HR	smf-3b	114.0050	11.28
025YR001HR	smf-3b	114.2550	11.28
025YR001HR	smf-3b	114.5050	11.28
025YR001HR	smf-3b	114.7550	11.28
025YR001HR	smf-3b	115.0050	11.27
025YR001HR	smf-3b	115.2550	11.27
025YR001HR	smf-3b	115.5050	11.27
025YR001HR	smf-3b	115.7550	11.27
025YR001HR	smf-3b	116.0050	11.27
025YR001HR	smf-3b	116.2550	11.27
025YR001HR	smf-3b	116.5050	11.27
025YR001HR	smf-3b	116.7550	11.27
025YR001HR	smf-3b	117.0050	11.27
025YR001HR	smf-3b	117.2550	11.27
025YR001HR	smf-3b	117.5050	11.27
025YR001HR	smf-3b	117.7550	11.26
025YR001HR	smf-3b	118.0050	11.26
025YR001HR	smf-3b	118.2550	11.26
025YR001HR	smf-3b	118.5050	11.26
025YR001HR	smf-3b	118.7550	11.26
025YR001HR	smf-3b	119.0050	11.26
025YR001HR	smf-3b	119.2550	11.26
025YR001HR	smf-3b	119.5050	11.26
025YR001HR	smf-3b	119.7550	11.26
025YR001HR	smf-3b	120.0050	11.26
025YR001HR	smf-3b	120.2550	11.26
025YR001HR	smf-3b	120.5050	11.26
025YR001HR	smf-3b	120.7550	11.25
025YR001HR	smf-3b	121.0050	11.25
025YR001HR	smf-3b	121.2550	11.25
025YR001HR	smf-3b	121.5050	11.25
025YR001HR	smf-3b	121.7550	11.25
025YR001HR	smf-3b	122.0050	11.25
025YR001HR	smf-3b	122.2550	11.25
025YR001HR	smf-3b	122.5050	11.25
025YR001HR	smf-3b	122.7550	11.25
025YR001HR	smf-3b	123.0050	11.25
025YR001HR	smf-3b	123.2550	11.25
025YR001HR	smf-3b	123.5050	11.25
025YR001HR	smf-3b	123.7550	11.25
025YR001HR	smf-3b	124.0050	11.25
025YR001HR	smf-3b	124.2550	11.25

25yr-1hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR002HR	smf-1a	96.2515	12.47
025YR002HR	smf-1a	96.5015	12.47
025YR002HR	smf-1a	96.7515	12.47
025YR002HR	smf-1a	97.0015	12.47
025YR002HR	smf-1a	97.2515	12.47
025YR002HR	smf-1a	97.5015	12.47
025YR002HR	smf-1a	97.7515	12.47
025YR002HR	smf-1a	98.0015	12.47
025YR002HR	smf-1a	98.2515	12.46
025YR002HR	smf-1a	98.5015	12.46
025YR002HR	smf-1a	98.7515	12.46
025YR002HR	smf-1a	99.0015	12.46
025YR002HR	smf-1a	99.2515	12.46
025YR002HR	smf-1a	99.5015	12.46
025YR002HR	smf-1a	99.7515	12.46
025YR002HR	smf-1a	100.0015	12.46
025YR002HR	smf-1a	100.2515	12.46
025YR002HR	smf-1a	100.5015	12.46
025YR002HR	smf-1a	100.7515	12.46
025YR002HR	smf-1a	101.0015	12.46
025YR002HR	smf-1a	101.2515	12.46
025YR002HR	smf-1a	101.5015	12.45
025YR002HR	smf-1a	101.7515	12.45
025YR002HR	smf-1a	102.0015	12.45
025YR002HR	smf-1a	102.2515	12.45
025YR002HR	smf-1a	102.5015	12.45
025YR002HR	smf-1a	102.7515	12.45
025YR002HR	smf-1a	103.0015	12.45
025YR002HR	smf-1a	103.2515	12.45
025YR002HR	smf-1a	103.5015	12.45
025YR002HR	smf-1a	103.7515	12.45
025YR002HR	smf-1a	104.0015	12.45
025YR002HR	smf-1a	104.2515	12.45
025YR002HR	smf-1a	104.5015	12.45
025YR002HR	smf-1a	104.7515	12.45
025YR002HR	smf-1a	105.0015	12.45
025YR002HR	smf-1a	105.2515	12.45
025YR002HR	smf-1a	105.5015	12.45
025YR002HR	smf-1a	105.7515	12.45
025YR002HR	smf-1a	106.0015	12.45
025YR002HR	smf-1a	106.2515	12.45
025YR002HR	smf-1a	106.5015	12.45

25yr-2hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR002HR	smf-1b	67.0015	13.01
025YR002HR	smf-1b	67.2515	13.01
025YR002HR	smf-1b	67.5015	13.01
025YR002HR	smf-1b	67.7515	13.01
025YR002HR	smf-1b	68.0015	13.01
025YR002HR	smf-1b	68.2515	13.00
025YR002HR	smf-1b	68.5015	13.00
025YR002HR	smf-1b	68.7515	13.00
025YR002HR	smf-1b	69.0015	13.00
025YR002HR	smf-1b	69.2515	13.00
025YR002HR	smf-1b	69.5015	13.00
025YR002HR	smf-1b	69.7515	13.00
025YR002HR	smf-1b	70.0015	13.00
025YR002HR	smf-1b	70.2515	13.00
025YR002HR	smf-1b	70.5015	13.00
025YR002HR	smf-1b	70.7515	13.00
025YR002HR	smf-1b	71.0015	13.00
025YR002HR	smf-1b	71.2515	13.00
025YR002HR	smf-1b	71.5015	13.00
025YR002HR	smf-1b	71.7515	13.00
025YR002HR	smf-1b	72.0015	13.00
025YR002HR	smf-1b	72.2515	13.00
025YR002HR	smf-1b	72.5015	13.00
025YR002HR	smf-1b	72.7515	13.00
025YR002HR	smf-1b	73.0015	13.00
025YR002HR	smf-1b	73.2515	13.00
025YR002HR	smf-1b	73.5015	13.00
025YR002HR	smf-1b	73.7515	13.00
025YR002HR	smf-1b	74.0015	13.00
025YR002HR	smf-1b	74.2515	13.00
025YR002HR	smf-1b	74.5015	13.00
025YR002HR	smf-1b	74.7515	13.00
025YR002HR	smf-1b	75.0015	13.00
025YR002HR	smf-1b	75.2515	13.00
025YR002HR	smf-1b	75.5015	13.00
025YR002HR	smf-1b	75.7515	13.00
025YR002HR	smf-1b	76.0015	13.00
025YR002HR	smf-1b	76.2515	13.00
025YR002HR	smf-1b	76.5015	13.00
025YR002HR	smf-1b	76.7515	13.00
025YR002HR	smf-1b	77.0015	13.00
025YR002HR	smf-1b	77.2515	13.00

25yr-2hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR002HR	smf-2a	132.2515	12.12
025YR002HR	smf-2a	132.5015	12.12
025YR002HR	smf-2a	132.7515	12.12
025YR002HR	smf-2a	133.0015	12.12
025YR002HR	smf-2a	133.2515	12.12
025YR002HR	smf-2a	133.5015	12.12
025YR002HR	smf-2a	133.7515	12.12
025YR002HR	smf-2a	134.0015	12.11
025YR002HR	smf-2a	134.2515	12.11
025YR002HR	smf-2a	134.5015	12.11
025YR002HR	smf-2a	134.7515	12.11
025YR002HR	smf-2a	135.0015	12.11
025YR002HR	smf-2a	135.2515	12.11
025YR002HR	smf-2a	135.5015	12.11
025YR002HR	smf-2a	135.7515	12.11
025YR002HR	smf-2a	136.0015	12.11
025YR002HR	smf-2a	136.2515	12.11
025YR002HR	smf-2a	136.5015	12.11
025YR002HR	smf-2a	136.7515	12.11
025YR002HR	smf-2a	137.0015	12.11
025YR002HR	smf-2a	137.2515	12.11
025YR002HR	smf-2a	137.5015	12.11
025YR002HR	smf-2a	137.7515	12.11
025YR002HR	smf-2a	138.0015	12.11
025YR002HR	smf-2a	138.2515	12.10
025YR002HR	smf-2a	138.5015	12.10
025YR002HR	smf-2a	138.7515	12.10
025YR002HR	smf-2a	139.0015	12.10
025YR002HR	smf-2a	139.2515	12.10
025YR002HR	smf-2a	139.5015	12.10
025YR002HR	smf-2a	139.7515	12.10
025YR002HR	smf-2a	140.0015	12.10
025YR002HR	smf-2a	140.2515	12.10
025YR002HR	smf-2a	140.5015	12.10
025YR002HR	smf-2a	140.7515	12.10
025YR002HR	smf-2a	141.0015	12.10
025YR002HR	smf-2a	141.2515	12.10
025YR002HR	smf-2a	141.5015	12.10
025YR002HR	smf-2a	141.7515	12.10
025YR002HR	smf-2a	142.0015	12.10
025YR002HR	smf-2a	142.2515	12.10
025YR002HR	smf-2a	142.5015	12.10

25yr-2hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR002HR	smf-2b	92.5015	11.44
025YR002HR	smf-2b	92.7515	11.44
025YR002HR	smf-2b	93.0015	11.44
025YR002HR	smf-2b	93.2515	11.43
025YR002HR	smf-2b	93.5015	11.43
025YR002HR	smf-2b	93.7515	11.43
025YR002HR	smf-2b	94.0015	11.43
025YR002HR	smf-2b	94.2515	11.43
025YR002HR	smf-2b	94.5015	11.43
025YR002HR	smf-2b	94.7515	11.43
025YR002HR	smf-2b	95.0015	11.43
025YR002HR	smf-2b	95.2515	11.43
025YR002HR	smf-2b	95.5015	11.42
025YR002HR	smf-2b	95.7515	11.42
025YR002HR	smf-2b	96.0015	11.42
025YR002HR	smf-2b	96.2515	11.42
025YR002HR	smf-2b	96.5015	11.42
025YR002HR	smf-2b	96.7515	11.42
025YR002HR	smf-2b	97.0015	11.42
025YR002HR	smf-2b	97.2515	11.42
025YR002HR	smf-2b	97.5015	11.42
025YR002HR	smf-2b	97.7515	11.42
025YR002HR	smf-2b	98.0015	11.41
025YR002HR	smf-2b	98.2515	11.41
025YR002HR	smf-2b	98.5015	11.41
025YR002HR	smf-2b	98.7515	11.41
025YR002HR	smf-2b	99.0015	11.41
025YR002HR	smf-2b	99.2515	11.41
025YR002HR	smf-2b	99.5015	11.41
025YR002HR	smf-2b	99.7515	11.41
025YR002HR	smf-2b	100.0015	11.41
025YR002HR	smf-2b	100.2515	11.41
025YR002HR	smf-2b	100.5015	11.40
025YR002HR	smf-2b	100.7515	11.40
025YR002HR	smf-2b	101.0015	11.40
025YR002HR	smf-2b	101.2515	11.40
025YR002HR	smf-2b	101.5015	11.40
025YR002HR	smf-2b	101.7515	11.40
025YR002HR	smf-2b	102.0015	11.40
025YR002HR	smf-2b	102.2515	11.40
025YR002HR	smf-2b	102.5015	11.40
025YR002HR	smf-2b	102.7515	11.40

25yr-2hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR002HR	smf-2c	126.2515	11.86
025YR002HR	smf-2c	126.5015	11.86
025YR002HR	smf-2c	126.7515	11.86
025YR002HR	smf-2c	127.0015	11.86
025YR002HR	smf-2c	127.2515	11.86
025YR002HR	smf-2c	127.5015	11.86
025YR002HR	smf-2c	127.7515	11.86
025YR002HR	smf-2c	128.0015	11.86
025YR002HR	smf-2c	128.2515	11.86
025YR002HR	smf-2c	128.5015	11.86
025YR002HR	smf-2c	128.7515	11.86
025YR002HR	smf-2c	129.0015	11.86
025YR002HR	smf-2c	129.2515	11.85
025YR002HR	smf-2c	129.5015	11.85
025YR002HR	smf-2c	129.7515	11.85
025YR002HR	smf-2c	130.0015	11.85
025YR002HR	smf-2c	130.2515	11.85
025YR002HR	smf-2c	130.5015	11.85
025YR002HR	smf-2c	130.7515	11.85
025YR002HR	smf-2c	131.0015	11.85
025YR002HR	smf-2c	131.2515	11.85
025YR002HR	smf-2c	131.5015	11.85
025YR002HR	smf-2c	131.7515	11.85
025YR002HR	smf-2c	132.0015	11.85
025YR002HR	smf-2c	132.2515	11.85
025YR002HR	smf-2c	132.5015	11.85
025YR002HR	smf-2c	132.7515	11.85
025YR002HR	smf-2c	133.0015	11.85
025YR002HR	smf-2c	133.2515	11.85
025YR002HR	smf-2c	133.5015	11.85
025YR002HR	smf-2c	133.7515	11.85
025YR002HR	smf-2c	134.0015	11.85
025YR002HR	smf-2c	134.2515	11.85
025YR002HR	smf-2c	134.5015	11.85
025YR002HR	smf-2c	134.7515	11.85
025YR002HR	smf-2c	135.0015	11.85
025YR002HR	smf-2c	135.2515	11.85
025YR002HR	smf-2c	135.5015	11.85
025YR002HR	smf-2c	135.7515	11.85
025YR002HR	smf-2c	136.0015	11.85
025YR002HR	smf-2c	136.2515	11.85
025YR002HR	smf-2c	136.5015	11.85

25yr-2hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR002HR	smf-3a	107.5015	11.91
025YR002HR	smf-3a	107.7515	11.91
025YR002HR	smf-3a	108.0015	11.91
025YR002HR	smf-3a	108.2515	11.91
025YR002HR	smf-3a	108.5015	11.91
025YR002HR	smf-3a	108.7515	11.91
025YR002HR	smf-3a	109.0015	11.91
025YR002HR	smf-3a	109.2515	11.91
025YR002HR	smf-3a	109.5015	11.90
025YR002HR	smf-3a	109.7515	11.90
025YR002HR	smf-3a	110.0015	11.90
025YR002HR	smf-3a	110.2515	11.90
025YR002HR	smf-3a	110.5015	11.90
025YR002HR	smf-3a	110.7515	11.90
025YR002HR	smf-3a	111.0015	11.90
025YR002HR	smf-3a	111.2515	11.90
025YR002HR	smf-3a	111.5015	11.90
025YR002HR	smf-3a	111.7515	11.90
025YR002HR	smf-3a	112.0015	11.90
025YR002HR	smf-3a	112.2515	11.90
025YR002HR	smf-3a	112.5015	11.90
025YR002HR	smf-3a	112.7515	11.90
025YR002HR	smf-3a	113.0015	11.90
025YR002HR	smf-3a	113.2515	11.90
025YR002HR	smf-3a	113.5015	11.90
025YR002HR	smf-3a	113.7515	11.90
025YR002HR	smf-3a	114.0015	11.90
025YR002HR	smf-3a	114.2515	11.90
025YR002HR	smf-3a	114.5015	11.90
025YR002HR	smf-3a	114.7515	11.90
025YR002HR	smf-3a	115.0015	11.90
025YR002HR	smf-3a	115.2515	11.90
025YR002HR	smf-3a	115.5015	11.90
025YR002HR	smf-3a	115.7515	11.90
025YR002HR	smf-3a	116.0015	11.90
025YR002HR	smf-3a	116.2515	11.90
025YR002HR	smf-3a	116.5015	11.90
025YR002HR	smf-3a	116.7515	11.90
025YR002HR	smf-3a	117.0015	11.90
025YR002HR	smf-3a	117.2515	11.90
025YR002HR	smf-3a	117.5015	11.90
025YR002HR	smf-3a	117.7515	11.90

25yr-2hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR002HR	smf-3b	130.7515	11.29
025YR002HR	smf-3b	131.0015	11.28
025YR002HR	smf-3b	131.2515	11.28
025YR002HR	smf-3b	131.5015	11.28
025YR002HR	smf-3b	131.7515	11.28
025YR002HR	smf-3b	132.0015	11.28
025YR002HR	smf-3b	132.2515	11.28
025YR002HR	smf-3b	132.5015	11.28
025YR002HR	smf-3b	132.7515	11.28
025YR002HR	smf-3b	133.0015	11.28
025YR002HR	smf-3b	133.2515	11.28
025YR002HR	smf-3b	133.5015	11.28
025YR002HR	smf-3b	133.7515	11.28
025YR002HR	smf-3b	134.0015	11.27
025YR002HR	smf-3b	134.2515	11.27
025YR002HR	smf-3b	134.5015	11.27
025YR002HR	smf-3b	134.7515	11.27
025YR002HR	smf-3b	135.0015	11.27
025YR002HR	smf-3b	135.2515	11.27
025YR002HR	smf-3b	135.5015	11.27
025YR002HR	smf-3b	135.7515	11.27
025YR002HR	smf-3b	136.0015	11.27
025YR002HR	smf-3b	136.2515	11.27
025YR002HR	smf-3b	136.5015	11.27
025YR002HR	smf-3b	136.7515	11.27
025YR002HR	smf-3b	137.0015	11.27
025YR002HR	smf-3b	137.2515	11.26
025YR002HR	smf-3b	137.5015	11.26
025YR002HR	smf-3b	137.7515	11.26
025YR002HR	smf-3b	138.0015	11.26
025YR002HR	smf-3b	138.2515	11.26
025YR002HR	smf-3b	138.5015	11.26
025YR002HR	smf-3b	138.7515	11.26
025YR002HR	smf-3b	139.0015	11.26
025YR002HR	smf-3b	139.2515	11.26
025YR002HR	smf-3b	139.5015	11.26
025YR002HR	smf-3b	139.7515	11.26
025YR002HR	smf-3b	140.0015	11.26
025YR002HR	smf-3b	140.2515	11.26
025YR002HR	smf-3b	140.5015	11.26
025YR002HR	smf-3b	140.7515	11.25
025YR002HR	smf-3b	141.0015	11.25

25yr-2hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR004HR	smf-1a	164.5036	12.47
025YR004HR	smf-1a	164.7536	12.47
025YR004HR	smf-1a	165.0036	12.47
025YR004HR	smf-1a	165.2536	12.47
025YR004HR	smf-1a	165.5036	12.47
025YR004HR	smf-1a	165.7536	12.47
025YR004HR	smf-1a	166.0036	12.47
025YR004HR	smf-1a	166.2536	12.47
025YR004HR	smf-1a	166.5036	12.47
025YR004HR	smf-1a	166.7536	12.47
025YR004HR	smf-1a	167.0036	12.46
025YR004HR	smf-1a	167.2536	12.46
025YR004HR	smf-1a	167.5036	12.46
025YR004HR	smf-1a	167.7536	12.46
025YR004HR	smf-1a	168.0036	12.46
025YR004HR	smf-1a	168.2536	12.46
025YR004HR	smf-1a	168.5036	12.46
025YR004HR	smf-1a	168.7536	12.46
025YR004HR	smf-1a	169.0036	12.46
025YR004HR	smf-1a	169.2536	12.46
025YR004HR	smf-1a	169.5036	12.46
025YR004HR	smf-1a	169.7536	12.46
025YR004HR	smf-1a	170.0036	12.46
025YR004HR	smf-1a	170.2536	12.46
025YR004HR	smf-1a	170.5036	12.46
025YR004HR	smf-1a	170.7536	12.46
025YR004HR	smf-1a	171.0036	12.46
025YR004HR	smf-1a	171.2536	12.46
025YR004HR	smf-1a	171.5036	12.46
025YR004HR	smf-1a	171.7536	12.45
025YR004HR	smf-1a	172.0036	12.45
025YR004HR	smf-1a	172.2536	12.45
025YR004HR	smf-1a	172.5036	12.45
025YR004HR	smf-1a	172.7536	12.45
025YR004HR	smf-1a	173.0036	12.45
025YR004HR	smf-1a	173.2536	12.45
025YR004HR	smf-1a	173.5036	12.45
025YR004HR	smf-1a	173.7536	12.45
025YR004HR	smf-1a	174.0036	12.45
025YR004HR	smf-1a	174.2536	12.45
025YR004HR	smf-1a	174.5036	12.45
025YR004HR	smf-1a	174.7536	12.45

25yr-4hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR004HR	smf-1b	80.7536	13.02
025YR004HR	smf-1b	81.0036	13.02
025YR004HR	smf-1b	81.2536	13.02
025YR004HR	smf-1b	81.5036	13.02
025YR004HR	smf-1b	81.7536	13.01
025YR004HR	smf-1b	82.0036	13.01
025YR004HR	smf-1b	82.2536	13.01
025YR004HR	smf-1b	82.5036	13.01
025YR004HR	smf-1b	82.7536	13.01
025YR004HR	smf-1b	83.0036	13.01
025YR004HR	smf-1b	83.2536	13.01
025YR004HR	smf-1b	83.5036	13.01
025YR004HR	smf-1b	83.7536	13.01
025YR004HR	smf-1b	84.0036	13.00
025YR004HR	smf-1b	84.2536	13.00
025YR004HR	smf-1b	84.5036	13.00
025YR004HR	smf-1b	84.7536	13.00
025YR004HR	smf-1b	85.0036	13.00
025YR004HR	smf-1b	85.2536	13.00
025YR004HR	smf-1b	85.5036	13.00
025YR004HR	smf-1b	85.7536	13.00
025YR004HR	smf-1b	86.0036	13.00
025YR004HR	smf-1b	86.2536	13.00
025YR004HR	smf-1b	86.5036	13.00
025YR004HR	smf-1b	86.7536	13.00
025YR004HR	smf-1b	87.0036	13.00
025YR004HR	smf-1b	87.2536	13.00
025YR004HR	smf-1b	87.5036	13.00
025YR004HR	smf-1b	87.7536	13.00
025YR004HR	smf-1b	88.0036	13.00
025YR004HR	smf-1b	88.2536	13.00
025YR004HR	smf-1b	88.5036	13.00
025YR004HR	smf-1b	88.7536	13.00
025YR004HR	smf-1b	89.0036	13.00
025YR004HR	smf-1b	89.2536	13.00
025YR004HR	smf-1b	89.5036	13.00
025YR004HR	smf-1b	89.7536	13.00
025YR004HR	smf-1b	90.0036	13.00
025YR004HR	smf-1b	90.2536	13.00
025YR004HR	smf-1b	90.5036	13.00
025YR004HR	smf-1b	90.7536	13.00
025YR004HR	smf-1b	91.0036	13.00

25yr-4hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR004HR	smf-2a	154.5036	12.11
025YR004HR	smf-2a	154.7536	12.11
025YR004HR	smf-2a	155.0036	12.11
025YR004HR	smf-2a	155.2536	12.11
025YR004HR	smf-2a	155.5036	12.11
025YR004HR	smf-2a	155.7536	12.11
025YR004HR	smf-2a	156.0036	12.11
025YR004HR	smf-2a	156.2536	12.11
025YR004HR	smf-2a	156.5036	12.11
025YR004HR	smf-2a	156.7536	12.11
025YR004HR	smf-2a	157.0036	12.11
025YR004HR	smf-2a	157.2536	12.11
025YR004HR	smf-2a	157.5036	12.11
025YR004HR	smf-2a	157.7536	12.10
025YR004HR	smf-2a	158.0036	12.10
025YR004HR	smf-2a	158.2536	12.10
025YR004HR	smf-2a	158.5036	12.10
025YR004HR	smf-2a	158.7536	12.10
025YR004HR	smf-2a	159.0036	12.10
025YR004HR	smf-2a	159.2536	12.10
025YR004HR	smf-2a	159.5036	12.10
025YR004HR	smf-2a	159.7536	12.10
025YR004HR	smf-2a	160.0036	12.10
025YR004HR	smf-2a	160.2536	12.10
025YR004HR	smf-2a	160.5036	12.10
025YR004HR	smf-2a	160.7536	12.10
025YR004HR	smf-2a	161.0036	12.10
025YR004HR	smf-2a	161.2536	12.10
025YR004HR	smf-2a	161.5036	12.10
025YR004HR	smf-2a	161.7536	12.10
025YR004HR	smf-2a	162.0036	12.10
025YR004HR	smf-2a	162.2536	12.10
025YR004HR	smf-2a	162.5036	12.10
025YR004HR	smf-2a	162.7536	12.10
025YR004HR	smf-2a	163.0036	12.10
025YR004HR	smf-2a	163.2536	12.10
025YR004HR	smf-2a	163.5036	12.10
025YR004HR	smf-2a	163.7536	12.10
025YR004HR	smf-2a	164.0036	12.10
025YR004HR	smf-2a	164.2536	12.10
025YR004HR	smf-2a	164.5036	12.10
025YR004HR	smf-2a	164.7536	12.10



025YR004HR	smf-2a	157.5036	12.11
025YR004HR	smf-2a	157.7536	12.10

25yr-4hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR004HR	smf-2b	112.7536	11.42
025YR004HR	smf-2b	113.0036	11.42
025YR004HR	smf-2b	113.2536	11.41
025YR004HR	smf-2b	113.5036	11.41
025YR004HR	smf-2b	113.7536	11.41
025YR004HR	smf-2b	114.0036	11.41
025YR004HR	smf-2b	114.2536	11.41
025YR004HR	smf-2b	114.5036	11.41
025YR004HR	smf-2b	114.7536	11.41
025YR004HR	smf-2b	115.0036	11.41
025YR004HR	smf-2b	115.2536	11.41
025YR004HR	smf-2b	115.5036	11.41
025YR004HR	smf-2b	115.7536	11.41
025YR004HR	smf-2b	116.0036	11.41
025YR004HR	smf-2b	116.2536	11.40
025YR004HR	smf-2b	116.5036	11.40
025YR004HR	smf-2b	116.7536	11.40
025YR004HR	smf-2b	117.0036	11.40
025YR004HR	smf-2b	117.2536	11.40
025YR004HR	smf-2b	117.5036	11.40
025YR004HR	smf-2b	117.7536	11.40
025YR004HR	smf-2b	118.0036	11.40
025YR004HR	smf-2b	118.2536	11.40
025YR004HR	smf-2b	118.5036	11.40
025YR004HR	smf-2b	118.7536	11.40
025YR004HR	smf-2b	119.0036	11.40
025YR004HR	smf-2b	119.2536	11.40
025YR004HR	smf-2b	119.5036	11.40
025YR004HR	smf-2b	119.7536	11.40
025YR004HR	smf-2b	120.0036	11.40
025YR004HR	smf-2b	120.2536	11.40
025YR004HR	smf-2b	120.5036	11.40
025YR004HR	smf-2b	120.7536	11.40
025YR004HR	smf-2b	121.0036	11.40
025YR004HR	smf-2b	121.2536	11.40
025YR004HR	smf-2b	121.5036	11.40
025YR004HR	smf-2b	121.7536	11.40
025YR004HR	smf-2b	122.0036	11.40
025YR004HR	smf-2b	122.2536	11.40
025YR004HR	smf-2b	122.5036	11.40
025YR004HR	smf-2b	122.7536	11.40
025YR004HR	smf-2b	123.0036	11.40

25yr-4hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR004HR	smf-2c	144.5036	11.86
025YR004HR	smf-2c	144.7536	11.86
025YR004HR	smf-2c	145.0036	11.86
025YR004HR	smf-2c	145.2536	11.86
025YR004HR	smf-2c	145.5036	11.86
025YR004HR	smf-2c	145.7536	11.86
025YR004HR	smf-2c	146.0036	11.86
025YR004HR	smf-2c	146.2536	11.86
025YR004HR	smf-2c	146.5036	11.86
025YR004HR	smf-2c	146.7536	11.86
025YR004HR	smf-2c	147.0036	11.86
025YR004HR	smf-2c	147.2536	11.85
025YR004HR	smf-2c	147.5036	11.85
025YR004HR	smf-2c	147.7536	11.85
025YR004HR	smf-2c	148.0036	11.85
025YR004HR	smf-2c	148.2536	11.85
025YR004HR	smf-2c	148.5036	11.85
025YR004HR	smf-2c	148.7536	11.85
025YR004HR	smf-2c	149.0036	11.85
025YR004HR	smf-2c	149.2536	11.85
025YR004HR	smf-2c	149.5036	11.85
025YR004HR	smf-2c	149.7536	11.85
025YR004HR	smf-2c	150.0036	11.85
025YR004HR	smf-2c	150.2536	11.85
025YR004HR	smf-2c	150.5036	11.85
025YR004HR	smf-2c	150.7536	11.85
025YR004HR	smf-2c	151.0036	11.85
025YR004HR	smf-2c	151.2536	11.85
025YR004HR	smf-2c	151.5036	11.85
025YR004HR	smf-2c	151.7536	11.85
025YR004HR	smf-2c	152.0036	11.85
025YR004HR	smf-2c	152.2536	11.85
025YR004HR	smf-2c	152.5036	11.85
025YR004HR	smf-2c	152.7536	11.85
025YR004HR	smf-2c	153.0036	11.85
025YR004HR	smf-2c	153.2536	11.85
025YR004HR	smf-2c	153.5036	11.85
025YR004HR	smf-2c	153.7536	11.85
025YR004HR	smf-2c	154.0036	11.85
025YR004HR	smf-2c	154.2536	11.85
025YR004HR	smf-2c	154.5036	11.85
025YR004HR	smf-2c	154.7536	11.85

25yr-4hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR004HR	smf-3a	123.7536	11.92
025YR004HR	smf-3a	124.0036	11.92
025YR004HR	smf-3a	124.2536	11.92
025YR004HR	smf-3a	124.5036	11.92
025YR004HR	smf-3a	124.7536	11.92
025YR004HR	smf-3a	125.0036	11.92
025YR004HR	smf-3a	125.2536	11.92
025YR004HR	smf-3a	125.5036	11.92
025YR004HR	smf-3a	125.7536	11.92
025YR004HR	smf-3a	126.0036	11.92
025YR004HR	smf-3a	126.2536	11.92
025YR004HR	smf-3a	126.5036	11.91
025YR004HR	smf-3a	126.7536	11.91
025YR004HR	smf-3a	127.0036	11.91
025YR004HR	smf-3a	127.2536	11.91
025YR004HR	smf-3a	127.5036	11.91
025YR004HR	smf-3a	127.7536	11.91
025YR004HR	smf-3a	128.0036	11.91
025YR004HR	smf-3a	128.2536	11.91
025YR004HR	smf-3a	128.5036	11.91
025YR004HR	smf-3a	128.7536	11.91
025YR004HR	smf-3a	129.0036	11.91
025YR004HR	smf-3a	129.2536	11.91
025YR004HR	smf-3a	129.5036	11.91
025YR004HR	smf-3a	129.7536	11.90
025YR004HR	smf-3a	130.0036	11.90
025YR004HR	smf-3a	130.2536	11.90
025YR004HR	smf-3a	130.5036	11.90
025YR004HR	smf-3a	130.7536	11.90
025YR004HR	smf-3a	131.0036	11.90
025YR004HR	smf-3a	131.2536	11.90
025YR004HR	smf-3a	131.5036	11.90
025YR004HR	smf-3a	131.7536	11.90
025YR004HR	smf-3a	132.0036	11.90
025YR004HR	smf-3a	132.2536	11.90
025YR004HR	smf-3a	132.5036	11.90
025YR004HR	smf-3a	132.7536	11.90
025YR004HR	smf-3a	133.0036	11.90
025YR004HR	smf-3a	133.2536	11.90
025YR004HR	smf-3a	133.5036	11.90
025YR004HR	smf-3a	133.7536	11.90
025YR004HR	smf-3a	134.0036	11.90



025YR004HR	smf-3a	129.7536	11.90
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25yr-4hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR004HR	smf-3b	155.5036	11.27
025YR004HR	smf-3b	155.7536	11.27
025YR004HR	smf-3b	156.0036	11.27
025YR004HR	smf-3b	156.2536	11.27
025YR004HR	smf-3b	156.5036	11.27
025YR004HR	smf-3b	156.7536	11.27
025YR004HR	smf-3b	157.0036	11.26
025YR004HR	smf-3b	157.2536	11.26
025YR004HR	smf-3b	157.5036	11.26
025YR004HR	smf-3b	157.7536	11.26
025YR004HR	smf-3b	158.0036	11.26
025YR004HR	smf-3b	158.2536	11.26
025YR004HR	smf-3b	158.5036	11.26
025YR004HR	smf-3b	158.7536	11.26
025YR004HR	smf-3b	159.0036	11.26
025YR004HR	smf-3b	159.2536	11.26
025YR004HR	smf-3b	159.5036	11.26
025YR004HR	smf-3b	159.7536	11.26
025YR004HR	smf-3b	160.0036	11.26
025YR004HR	smf-3b	160.2536	11.26
025YR004HR	smf-3b	160.5036	11.26
025YR004HR	smf-3b	160.7536	11.25
025YR004HR	smf-3b	161.0036	11.25
025YR004HR	smf-3b	161.2536	11.25
025YR004HR	smf-3b	161.5036	11.25
025YR004HR	smf-3b	161.7536	11.25
025YR004HR	smf-3b	162.0036	11.25
025YR004HR	smf-3b	162.2536	11.25
025YR004HR	smf-3b	162.5036	11.25
025YR004HR	smf-3b	162.7536	11.25
025YR004HR	smf-3b	163.0036	11.25
025YR004HR	smf-3b	163.2536	11.25
025YR004HR	smf-3b	163.5036	11.25
025YR004HR	smf-3b	163.7536	11.25
025YR004HR	smf-3b	164.0036	11.25
025YR004HR	smf-3b	164.2536	11.25
025YR004HR	smf-3b	164.5036	11.25
025YR004HR	smf-3b	164.7536	11.25
025YR004HR	smf-3b	165.0036	11.25
025YR004HR	smf-3b	165.2536	11.25
025YR004HR	smf-3b	165.5036	11.25
025YR004HR	smf-3b	165.7536	11.25

25yr-4hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR008HR	smf-1a	218.7536	12.46
025YR008HR	smf-1a	219.0036	12.46
025YR008HR	smf-1a	219.2536	12.46
025YR008HR	smf-1a	219.5036	12.46
025YR008HR	smf-1a	219.7536	12.46
025YR008HR	smf-1a	220.0036	12.46
025YR008HR	smf-1a	220.2536	12.45
025YR008HR	smf-1a	220.5036	12.45
025YR008HR	smf-1a	220.7536	12.45
025YR008HR	smf-1a	221.0036	12.45
025YR008HR	smf-1a	221.2536	12.45
025YR008HR	smf-1a	221.5036	12.45
025YR008HR	smf-1a	221.7536	12.45
025YR008HR	smf-1a	222.0036	12.45
025YR008HR	smf-1a	222.2536	12.45
025YR008HR	smf-1a	222.5036	12.45
025YR008HR	smf-1a	222.7536	12.45
025YR008HR	smf-1a	223.0036	12.45
025YR008HR	smf-1a	223.2536	12.45
025YR008HR	smf-1a	223.5036	12.45
025YR008HR	smf-1a	223.7536	12.45
025YR008HR	smf-1a	224.0036	12.45
025YR008HR	smf-1a	224.2536	12.45
025YR008HR	smf-1a	224.5036	12.45
025YR008HR	smf-1a	224.7536	12.45
025YR008HR	smf-1a	225.0036	12.45
025YR008HR	smf-1a	225.2536	12.45
025YR008HR	smf-1a	225.5036	12.45
025YR008HR	smf-1a	225.7536	12.45
025YR008HR	smf-1a	226.0036	12.45
025YR008HR	smf-1a	226.2536	12.45
025YR008HR	smf-1a	226.5036	12.45
025YR008HR	smf-1a	226.7536	12.45
025YR008HR	smf-1a	227.0036	12.45
025YR008HR	smf-1a	227.2536	12.45
025YR008HR	smf-1a	227.5036	12.45
025YR008HR	smf-1a	227.7536	12.45
025YR008HR	smf-1a	228.0036	12.45
025YR008HR	smf-1a	228.2536	12.45
025YR008HR	smf-1a	228.5036	12.45
025YR008HR	smf-1a	228.7536	12.45
025YR008HR	smf-1a	229.0036	12.45

25yr-8hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR008HR	smf-1b	110.0036	13.02
025YR008HR	smf-1b	110.2536	13.02
025YR008HR	smf-1b	110.5036	13.02
025YR008HR	smf-1b	110.7536	13.01
025YR008HR	smf-1b	111.0036	13.01
025YR008HR	smf-1b	111.2536	13.01
025YR008HR	smf-1b	111.5036	13.01
025YR008HR	smf-1b	111.7536	13.01
025YR008HR	smf-1b	112.0036	13.01
025YR008HR	smf-1b	112.2536	13.01
025YR008HR	smf-1b	112.5036	13.01
025YR008HR	smf-1b	112.7536	13.01
025YR008HR	smf-1b	113.0036	13.01
025YR008HR	smf-1b	113.2536	13.00
025YR008HR	smf-1b	113.5036	13.00
025YR008HR	smf-1b	113.7536	13.00
025YR008HR	smf-1b	114.0036	13.00
025YR008HR	smf-1b	114.2536	13.00
025YR008HR	smf-1b	114.5036	13.00
025YR008HR	smf-1b	114.7536	13.00
025YR008HR	smf-1b	115.0036	13.00
025YR008HR	smf-1b	115.2536	13.00
025YR008HR	smf-1b	115.5036	13.00
025YR008HR	smf-1b	115.7536	13.00
025YR008HR	smf-1b	116.0036	13.00
025YR008HR	smf-1b	116.2536	13.00
025YR008HR	smf-1b	116.5036	13.00
025YR008HR	smf-1b	116.7536	13.00
025YR008HR	smf-1b	117.0036	13.00
025YR008HR	smf-1b	117.2536	13.00
025YR008HR	smf-1b	117.5036	13.00
025YR008HR	smf-1b	117.7536	13.00
025YR008HR	smf-1b	118.0036	13.00
025YR008HR	smf-1b	118.2536	13.00
025YR008HR	smf-1b	118.5036	13.00
025YR008HR	smf-1b	118.7536	13.00
025YR008HR	smf-1b	119.0036	13.00
025YR008HR	smf-1b	119.2536	13.00
025YR008HR	smf-1b	119.5036	13.00
025YR008HR	smf-1b	119.7536	13.00
025YR008HR	smf-1b	120.0036	13.00
025YR008HR	smf-1b	120.2536	13.00



025YR008HR	smf-1b	113.2536	13.00
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25yr-8hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR008HR	smf-2a	179.7536	12.12
025YR008HR	smf-2a	180.0036	12.12
025YR008HR	smf-2a	180.2536	12.12
025YR008HR	smf-2a	180.5036	12.12
025YR008HR	smf-2a	180.7536	12.12
025YR008HR	smf-2a	181.0036	12.11
025YR008HR	smf-2a	181.2536	12.11
025YR008HR	smf-2a	181.5036	12.11
025YR008HR	smf-2a	181.7536	12.11
025YR008HR	smf-2a	182.0036	12.11
025YR008HR	smf-2a	182.2536	12.11
025YR008HR	smf-2a	182.5036	12.11
025YR008HR	smf-2a	182.7536	12.11
025YR008HR	smf-2a	183.0036	12.11
025YR008HR	smf-2a	183.2536	12.11
025YR008HR	smf-2a	183.5036	12.11
025YR008HR	smf-2a	183.7536	12.11
025YR008HR	smf-2a	184.0036	12.11
025YR008HR	smf-2a	184.2536	12.11
025YR008HR	smf-2a	184.5036	12.11
025YR008HR	smf-2a	184.7536	12.11
025YR008HR	smf-2a	185.0036	12.11
025YR008HR	smf-2a	185.2536	12.11
025YR008HR	smf-2a	185.5036	12.11
025YR008HR	smf-2a	185.7536	12.11
025YR008HR	smf-2a	186.0036	12.11
025YR008HR	smf-2a	186.2536	12.10
025YR008HR	smf-2a	186.5036	12.10
025YR008HR	smf-2a	186.7536	12.10
025YR008HR	smf-2a	187.0036	12.10
025YR008HR	smf-2a	187.2536	12.10
025YR008HR	smf-2a	187.5036	12.10
025YR008HR	smf-2a	187.7536	12.10
025YR008HR	smf-2a	188.0036	12.10
025YR008HR	smf-2a	188.2536	12.10
025YR008HR	smf-2a	188.5036	12.10
025YR008HR	smf-2a	188.7536	12.10
025YR008HR	smf-2a	189.0036	12.10
025YR008HR	smf-2a	189.2536	12.10
025YR008HR	smf-2a	189.5036	12.10
025YR008HR	smf-2a	189.7536	12.10
025YR008HR	smf-2a	190.0036	12.10

25yr-8hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR008HR	smf-2b	144.5036	11.40
025YR008HR	smf-2b	144.7536	11.40
025YR008HR	smf-2b	145.0036	11.40
025YR008HR	smf-2b	145.2536	11.40
025YR008HR	smf-2b	145.5036	11.40
025YR008HR	smf-2b	145.7536	11.40
025YR008HR	smf-2b	146.0036	11.40
025YR008HR	smf-2b	146.2536	11.40
025YR008HR	smf-2b	146.5036	11.40
025YR008HR	smf-2b	146.7536	11.40
025YR008HR	smf-2b	147.0036	11.40
025YR008HR	smf-2b	147.2536	11.40
025YR008HR	smf-2b	147.5036	11.40
025YR008HR	smf-2b	147.7536	11.40
025YR008HR	smf-2b	148.0036	11.40
025YR008HR	smf-2b	148.2536	11.40
025YR008HR	smf-2b	148.5036	11.40
025YR008HR	smf-2b	148.7536	11.40
025YR008HR	smf-2b	149.0036	11.40
025YR008HR	smf-2b	149.2536	11.40
025YR008HR	smf-2b	149.5036	11.40
025YR008HR	smf-2b	149.7536	11.40
025YR008HR	smf-2b	150.0036	11.40
025YR008HR	smf-2b	150.2536	11.40
025YR008HR	smf-2b	150.5036	11.40
025YR008HR	smf-2b	150.7536	11.40
025YR008HR	smf-2b	151.0036	11.40
025YR008HR	smf-2b	151.2536	11.40
025YR008HR	smf-2b	151.5036	11.40
025YR008HR	smf-2b	151.7536	11.40
025YR008HR	smf-2b	152.0036	11.40
025YR008HR	smf-2b	152.2536	11.40
025YR008HR	smf-2b	152.5036	11.40
025YR008HR	smf-2b	152.7536	11.40
025YR008HR	smf-2b	153.0036	11.40
025YR008HR	smf-2b	153.2536	11.40
025YR008HR	smf-2b	153.5036	11.40
025YR008HR	smf-2b	153.7536	11.40
025YR008HR	smf-2b	154.0036	11.40
025YR008HR	smf-2b	154.2536	11.40
025YR008HR	smf-2b	154.5036	11.40
025YR008HR	smf-2b	154.7536	11.40

25yr-8hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR008HR	smf-2c	172.2536	11.86
025YR008HR	smf-2c	172.5036	11.86
025YR008HR	smf-2c	172.7536	11.86
025YR008HR	smf-2c	173.0036	11.86
025YR008HR	smf-2c	173.2536	11.86
025YR008HR	smf-2c	173.5036	11.86
025YR008HR	smf-2c	173.7536	11.86
025YR008HR	smf-2c	174.0036	11.86
025YR008HR	smf-2c	174.2536	11.86
025YR008HR	smf-2c	174.5036	11.86
025YR008HR	smf-2c	174.7536	11.86
025YR008HR	smf-2c	175.0036	11.86
025YR008HR	smf-2c	175.2536	11.86
025YR008HR	smf-2c	175.5036	11.86
025YR008HR	smf-2c	175.7536	11.86
025YR008HR	smf-2c	176.0036	11.86
025YR008HR	smf-2c	176.2536	11.86
025YR008HR	smf-2c	176.5036	11.85
025YR008HR	smf-2c	176.7536	11.85
025YR008HR	smf-2c	177.0036	11.85
025YR008HR	smf-2c	177.2536	11.85
025YR008HR	smf-2c	177.5036	11.85
025YR008HR	smf-2c	177.7536	11.85
025YR008HR	smf-2c	178.0036	11.85
025YR008HR	smf-2c	178.2536	11.85
025YR008HR	smf-2c	178.5036	11.85
025YR008HR	smf-2c	178.7536	11.85
025YR008HR	smf-2c	179.0036	11.85
025YR008HR	smf-2c	179.2536	11.85
025YR008HR	smf-2c	179.5036	11.85
025YR008HR	smf-2c	179.7536	11.85
025YR008HR	smf-2c	180.0036	11.85
025YR008HR	smf-2c	180.2536	11.85
025YR008HR	smf-2c	180.5036	11.85
025YR008HR	smf-2c	180.7536	11.85
025YR008HR	smf-2c	181.0036	11.85
025YR008HR	smf-2c	181.2536	11.85
025YR008HR	smf-2c	181.5036	11.85
025YR008HR	smf-2c	181.7536	11.85
025YR008HR	smf-2c	182.0036	11.85
025YR008HR	smf-2c	182.2536	11.85
025YR008HR	smf-2c	182.5036	11.85

25yr-8hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR008HR	smf-3a	158.0036	11.92
025YR008HR	smf-3a	158.2536	11.91
025YR008HR	smf-3a	158.5036	11.91
025YR008HR	smf-3a	158.7536	11.91
025YR008HR	smf-3a	159.0036	11.91
025YR008HR	smf-3a	159.2536	11.91
025YR008HR	smf-3a	159.5036	11.91
025YR008HR	smf-3a	159.7536	11.91
025YR008HR	smf-3a	160.0036	11.91
025YR008HR	smf-3a	160.2536	11.91
025YR008HR	smf-3a	160.5036	11.91
025YR008HR	smf-3a	160.7536	11.91
025YR008HR	smf-3a	161.0036	11.91
025YR008HR	smf-3a	161.2536	11.91
025YR008HR	smf-3a	161.5036	11.91
025YR008HR	smf-3a	161.7536	11.91
025YR008HR	smf-3a	162.0036	11.91
025YR008HR	smf-3a	162.2536	11.90
025YR008HR	smf-3a	162.5036	11.90
025YR008HR	smf-3a	162.7536	11.90
025YR008HR	smf-3a	163.0036	11.90
025YR008HR	smf-3a	163.2536	11.90
025YR008HR	smf-3a	163.5036	11.90
025YR008HR	smf-3a	163.7536	11.90
025YR008HR	smf-3a	164.0036	11.90
025YR008HR	smf-3a	164.2536	11.90
025YR008HR	smf-3a	164.5036	11.90
025YR008HR	smf-3a	164.7536	11.90
025YR008HR	smf-3a	165.0036	11.90
025YR008HR	smf-3a	165.2536	11.90
025YR008HR	smf-3a	165.5036	11.90
025YR008HR	smf-3a	165.7536	11.90
025YR008HR	smf-3a	166.0036	11.90
025YR008HR	smf-3a	166.2536	11.90
025YR008HR	smf-3a	166.5036	11.90
025YR008HR	smf-3a	166.7536	11.90
025YR008HR	smf-3a	167.0036	11.90
025YR008HR	smf-3a	167.2536	11.90
025YR008HR	smf-3a	167.5036	11.90
025YR008HR	smf-3a	167.7536	11.90
025YR008HR	smf-3a	168.0036	11.90
025YR008HR	smf-3a	168.2536	11.90

25yr-8hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR008HR	smf-3b	185.7536	11.28
025YR008HR	smf-3b	186.0036	11.28
025YR008HR	smf-3b	186.2536	11.28
025YR008HR	smf-3b	186.5036	11.28
025YR008HR	smf-3b	186.7536	11.27
025YR008HR	smf-3b	187.0036	11.27
025YR008HR	smf-3b	187.2536	11.27
025YR008HR	smf-3b	187.5036	11.27
025YR008HR	smf-3b	187.7536	11.27
025YR008HR	smf-3b	188.0036	11.27
025YR008HR	smf-3b	188.2536	11.27
025YR008HR	smf-3b	188.5036	11.27
025YR008HR	smf-3b	188.7536	11.27
025YR008HR	smf-3b	189.0036	11.27
025YR008HR	smf-3b	189.2536	11.27
025YR008HR	smf-3b	189.5036	11.27
025YR008HR	smf-3b	189.7536	11.27
025YR008HR	smf-3b	190.0036	11.27
025YR008HR	smf-3b	190.2536	11.27
025YR008HR	smf-3b	190.5036	11.27
025YR008HR	smf-3b	190.7536	11.27
025YR008HR	smf-3b	191.0036	11.27
025YR008HR	smf-3b	191.2536	11.26
025YR008HR	smf-3b	191.5036	11.26
025YR008HR	smf-3b	191.7536	11.26
025YR008HR	smf-3b	192.0036	11.26
025YR008HR	smf-3b	192.2536	11.26
025YR008HR	smf-3b	192.5036	11.26
025YR008HR	smf-3b	192.7536	11.26
025YR008HR	smf-3b	193.0036	11.26
025YR008HR	smf-3b	193.2536	11.26
025YR008HR	smf-3b	193.5036	11.26
025YR008HR	smf-3b	193.7536	11.26
025YR008HR	smf-3b	194.0036	11.26
025YR008HR	smf-3b	194.2536	11.26
025YR008HR	smf-3b	194.5036	11.26
025YR008HR	smf-3b	194.7536	11.26
025YR008HR	smf-3b	195.0036	11.26
025YR008HR	smf-3b	195.2536	11.26
025YR008HR	smf-3b	195.5036	11.26
025YR008HR	smf-3b	195.7536	11.25
025YR008HR	smf-3b	196.0036	11.25

25yr-8hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR024HR	smf-1a	318.5070	12.46
025YR024HR	smf-1a	318.7570	12.46
025YR024HR	smf-1a	319.0070	12.46
025YR024HR	smf-1a	319.2570	12.46
025YR024HR	smf-1a	319.5070	12.46
025YR024HR	smf-1a	319.7570	12.46
025YR024HR	smf-1a	320.0070	12.46
025YR024HR	smf-1a	320.2570	12.46
025YR024HR	smf-1a	320.5070	12.46
025YR024HR	smf-1a	320.7570	12.46
025YR024HR	smf-1a	321.0070	12.46
025YR024HR	smf-1a	321.2570	12.46
025YR024HR	smf-1a	321.5070	12.46
025YR024HR	smf-1a	321.7570	12.46
025YR024HR	smf-1a	322.0070	12.46
025YR024HR	smf-1a	322.2570	12.45
025YR024HR	smf-1a	322.5070	12.45
025YR024HR	smf-1a	322.7570	12.45
025YR024HR	smf-1a	323.0070	12.45
025YR024HR	smf-1a	323.2570	12.45
025YR024HR	smf-1a	323.5070	12.45
025YR024HR	smf-1a	323.7570	12.45
025YR024HR	smf-1a	324.0070	12.45
025YR024HR	smf-1a	324.2570	12.45
025YR024HR	smf-1a	324.5070	12.45
025YR024HR	smf-1a	324.7570	12.45
025YR024HR	smf-1a	325.0070	12.45
025YR024HR	smf-1a	325.2570	12.45
025YR024HR	smf-1a	325.5070	12.45
025YR024HR	smf-1a	325.7570	12.45
025YR024HR	smf-1a	326.0070	12.45
025YR024HR	smf-1a	326.2570	12.45
025YR024HR	smf-1a	326.5070	12.45
025YR024HR	smf-1a	326.7570	12.45
025YR024HR	smf-1a	327.0070	12.45
025YR024HR	smf-1a	327.2570	12.45
025YR024HR	smf-1a	327.5070	12.45
025YR024HR	smf-1a	327.7570	12.45
025YR024HR	smf-1a	328.0070	12.45
025YR024HR	smf-1a	328.2570	12.45
025YR024HR	smf-1a	328.5070	12.45
025YR024HR	smf-1a	328.7570	12.45



25yr-24hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR024HR	smf-1b	193.7570	13.02
025YR024HR	smf-1b	194.0070	13.02
025YR024HR	smf-1b	194.2570	13.01
025YR024HR	smf-1b	194.5070	13.01
025YR024HR	smf-1b	194.7570	13.01
025YR024HR	smf-1b	195.0070	13.01
025YR024HR	smf-1b	195.2570	13.01
025YR024HR	smf-1b	195.5070	13.01
025YR024HR	smf-1b	195.7570	13.01
025YR024HR	smf-1b	196.0070	13.01
025YR024HR	smf-1b	196.2570	13.01
025YR024HR	smf-1b	196.5070	13.01
025YR024HR	smf-1b	196.7570	13.01
025YR024HR	smf-1b	197.0070	13.01
025YR024HR	smf-1b	197.2570	13.01
025YR024HR	smf-1b	197.5070	13.01
025YR024HR	smf-1b	197.7570	13.01
025YR024HR	smf-1b	198.0070	13.01
025YR024HR	smf-1b	198.2570	13.01
025YR024HR	smf-1b	198.5070	13.01
025YR024HR	smf-1b	198.7570	13.00
025YR024HR	smf-1b	199.0070	13.00
025YR024HR	smf-1b	199.2570	13.00
025YR024HR	smf-1b	199.5070	13.00
025YR024HR	smf-1b	199.7570	13.00
025YR024HR	smf-1b	200.0070	13.00
025YR024HR	smf-1b	200.2570	13.00
025YR024HR	smf-1b	200.5070	13.00
025YR024HR	smf-1b	200.7570	13.00
025YR024HR	smf-1b	201.0070	13.00
025YR024HR	smf-1b	201.2570	13.00
025YR024HR	smf-1b	201.5070	13.00
025YR024HR	smf-1b	201.7570	13.00
025YR024HR	smf-1b	202.0070	13.00
025YR024HR	smf-1b	202.2570	13.00
025YR024HR	smf-1b	202.5070	13.00
025YR024HR	smf-1b	202.7570	13.00
025YR024HR	smf-1b	203.0070	13.00
025YR024HR	smf-1b	203.2570	13.00
025YR024HR	smf-1b	203.5070	13.00
025YR024HR	smf-1b	203.7570	13.00
025YR024HR	smf-1b	204.0070	13.00

25yr-24hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR024HR	smf-2a	268.5070	12.11
025YR024HR	smf-2a	268.7570	12.11
025YR024HR	smf-2a	269.0070	12.11
025YR024HR	smf-2a	269.2570	12.11
025YR024HR	smf-2a	269.5070	12.11
025YR024HR	smf-2a	269.7570	12.11
025YR024HR	smf-2a	270.0070	12.11
025YR024HR	smf-2a	270.2570	12.11
025YR024HR	smf-2a	270.5070	12.11
025YR024HR	smf-2a	270.7570	12.11
025YR024HR	smf-2a	271.0070	12.11
025YR024HR	smf-2a	271.2570	12.11
025YR024HR	smf-2a	271.5070	12.11
025YR024HR	smf-2a	271.7570	12.11
025YR024HR	smf-2a	272.0070	12.11
025YR024HR	smf-2a	272.2570	12.11
025YR024HR	smf-2a	272.5070	12.11
025YR024HR	smf-2a	272.7570	12.11
025YR024HR	smf-2a	273.0070	12.11
025YR024HR	smf-2a	273.2570	12.11
025YR024HR	smf-2a	273.5070	12.11
025YR024HR	smf-2a	273.7570	12.11
025YR024HR	smf-2a	274.0070	12.11
025YR024HR	smf-2a	274.2570	12.11
025YR024HR	smf-2a	274.5070	12.11
025YR024HR	smf-2a	274.7570	12.11
025YR024HR	smf-2a	275.0070	12.11
025YR024HR	smf-2a	275.2570	12.10
025YR024HR	smf-2a	275.5070	12.10
025YR024HR	smf-2a	275.7570	12.10
025YR024HR	smf-2a	276.0070	12.10
025YR024HR	smf-2a	276.2570	12.10
025YR024HR	smf-2a	276.5070	12.10
025YR024HR	smf-2a	276.7570	12.10
025YR024HR	smf-2a	277.0070	12.10
025YR024HR	smf-2a	277.2570	12.10
025YR024HR	smf-2a	277.5070	12.10
025YR024HR	smf-2a	277.7570	12.10
025YR024HR	smf-2a	278.0070	12.10
025YR024HR	smf-2a	278.2570	12.10
025YR024HR	smf-2a	278.5070	12.10
025YR024HR	smf-2a	278.7570	12.10



025YR024HR smf-2a 275.2570 12.10

25yr-24hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR024HR	smf-2b	227.7570	11.41
025YR024HR	smf-2b	228.0070	11.41
025YR024HR	smf-2b	228.2570	11.41
025YR024HR	smf-2b	228.5070	11.41
025YR024HR	smf-2b	228.7570	11.41
025YR024HR	smf-2b	229.0070	11.40
025YR024HR	smf-2b	229.2570	11.40
025YR024HR	smf-2b	229.5070	11.40
025YR024HR	smf-2b	229.7570	11.40
025YR024HR	smf-2b	230.0070	11.40
025YR024HR	smf-2b	230.2570	11.40
025YR024HR	smf-2b	230.5070	11.40
025YR024HR	smf-2b	230.7570	11.40
025YR024HR	smf-2b	231.0070	11.40
025YR024HR	smf-2b	231.2570	11.40
025YR024HR	smf-2b	231.5070	11.40
025YR024HR	smf-2b	231.7570	11.40
025YR024HR	smf-2b	232.0070	11.40
025YR024HR	smf-2b	232.2570	11.40
025YR024HR	smf-2b	232.5070	11.40
025YR024HR	smf-2b	232.7570	11.40
025YR024HR	smf-2b	233.0070	11.40
025YR024HR	smf-2b	233.2570	11.40
025YR024HR	smf-2b	233.5070	11.40
025YR024HR	smf-2b	233.7570	11.40
025YR024HR	smf-2b	234.0070	11.40
025YR024HR	smf-2b	234.2570	11.40
025YR024HR	smf-2b	234.5070	11.40
025YR024HR	smf-2b	234.7570	11.40
025YR024HR	smf-2b	235.0070	11.40
025YR024HR	smf-2b	235.2570	11.40
025YR024HR	smf-2b	235.5070	11.40
025YR024HR	smf-2b	235.7570	11.40
025YR024HR	smf-2b	236.0070	11.40
025YR024HR	smf-2b	236.2570	11.40
025YR024HR	smf-2b	236.5070	11.40
025YR024HR	smf-2b	236.7570	11.40
025YR024HR	smf-2b	237.0070	11.40
025YR024HR	smf-2b	237.2570	11.40
025YR024HR	smf-2b	237.5070	11.40
025YR024HR	smf-2b	237.7570	11.40
025YR024HR	smf-2b	238.0070	11.40

25yr-24hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR024HR	smf-2c	260.5070	11.87
025YR024HR	smf-2c	260.7570	11.86
025YR024HR	smf-2c	261.0070	11.86
025YR024HR	smf-2c	261.2570	11.86
025YR024HR	smf-2c	261.5070	11.86
025YR024HR	smf-2c	261.7570	11.86
025YR024HR	smf-2c	262.0070	11.86
025YR024HR	smf-2c	262.2570	11.86
025YR024HR	smf-2c	262.5070	11.86
025YR024HR	smf-2c	262.7570	11.86
025YR024HR	smf-2c	263.0070	11.86
025YR024HR	smf-2c	263.2570	11.86
025YR024HR	smf-2c	263.5070	11.86
025YR024HR	smf-2c	263.7570	11.86
025YR024HR	smf-2c	264.0070	11.86
025YR024HR	smf-2c	264.2570	11.86
025YR024HR	smf-2c	264.5070	11.86
025YR024HR	smf-2c	264.7570	11.86
025YR024HR	smf-2c	265.0070	11.86
025YR024HR	smf-2c	265.2570	11.86
025YR024HR	smf-2c	265.5070	11.86
025YR024HR	smf-2c	265.7570	11.86
025YR024HR	smf-2c	266.0070	11.86
025YR024HR	smf-2c	266.2570	11.86
025YR024HR	smf-2c	266.5070	11.86
025YR024HR	smf-2c	266.7570	11.86
025YR024HR	smf-2c	267.0070	11.86
025YR024HR	smf-2c	267.2570	11.85
025YR024HR	smf-2c	267.5070	11.85
025YR024HR	smf-2c	267.7570	11.85
025YR024HR	smf-2c	268.0070	11.85
025YR024HR	smf-2c	268.2570	11.85
025YR024HR	smf-2c	268.5070	11.85
025YR024HR	smf-2c	268.7570	11.85
025YR024HR	smf-2c	269.0070	11.85
025YR024HR	smf-2c	269.2570	11.85
025YR024HR	smf-2c	269.5070	11.85
025YR024HR	smf-2c	269.7570	11.85
025YR024HR	smf-2c	270.0070	11.85
025YR024HR	smf-2c	270.2570	11.85
025YR024HR	smf-2c	270.5070	11.85
025YR024HR	smf-2c	270.7570	11.85

25yr-24hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR024HR	smf-3a	261.7570	11.91
025YR024HR	smf-3a	262.0070	11.91
025YR024HR	smf-3a	262.2570	11.91
025YR024HR	smf-3a	262.5070	11.91
025YR024HR	smf-3a	262.7570	11.91
025YR024HR	smf-3a	263.0070	11.91
025YR024HR	smf-3a	263.2570	11.91
025YR024HR	smf-3a	263.5070	11.91
025YR024HR	smf-3a	263.7570	11.91
025YR024HR	smf-3a	264.0070	11.91
025YR024HR	smf-3a	264.2570	11.91
025YR024HR	smf-3a	264.5070	11.91
025YR024HR	smf-3a	264.7570	11.91
025YR024HR	smf-3a	265.0070	11.91
025YR024HR	smf-3a	265.2570	11.91
025YR024HR	smf-3a	265.5070	11.91
025YR024HR	smf-3a	265.7570	11.91
025YR024HR	smf-3a	266.0070	11.91
025YR024HR	smf-3a	266.2570	11.91
025YR024HR	smf-3a	266.5070	11.91
025YR024HR	smf-3a	266.7570	11.91
025YR024HR	smf-3a	267.0070	11.91
025YR024HR	smf-3a	267.2570	11.91
025YR024HR	smf-3a	267.5070	11.90
025YR024HR	smf-3a	267.7570	11.90
025YR024HR	smf-3a	268.0070	11.90
025YR024HR	smf-3a	268.2570	11.90
025YR024HR	smf-3a	268.5070	11.90
025YR024HR	smf-3a	268.7570	11.90
025YR024HR	smf-3a	269.0070	11.90
025YR024HR	smf-3a	269.2570	11.90
025YR024HR	smf-3a	269.5070	11.90
025YR024HR	smf-3a	269.7570	11.90
025YR024HR	smf-3a	270.0070	11.90
025YR024HR	smf-3a	270.2570	11.90
025YR024HR	smf-3a	270.5070	11.90
025YR024HR	smf-3a	270.7570	11.90
025YR024HR	smf-3a	271.0070	11.90
025YR024HR	smf-3a	271.2570	11.90
025YR024HR	smf-3a	271.5070	11.90
025YR024HR	smf-3a	271.7570	11.90
025YR024HR	smf-3a	272.0070	11.90

25yr-24hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR024HR	smf-3b	305.0070	11.26
025YR024HR	smf-3b	305.2570	11.26
025YR024HR	smf-3b	305.5070	11.26
025YR024HR	smf-3b	305.7570	11.26
025YR024HR	smf-3b	306.0070	11.26
025YR024HR	smf-3b	306.2570	11.26
025YR024HR	smf-3b	306.5070	11.26
025YR024HR	smf-3b	306.7570	11.26
025YR024HR	smf-3b	307.0070	11.26
025YR024HR	smf-3b	307.2570	11.26
025YR024HR	smf-3b	307.5070	11.26
025YR024HR	smf-3b	307.7570	11.26
025YR024HR	smf-3b	308.0070	11.26
025YR024HR	smf-3b	308.2570	11.26
025YR024HR	smf-3b	308.5070	11.25
025YR024HR	smf-3b	308.7570	11.25
025YR024HR	smf-3b	309.0070	11.25
025YR024HR	smf-3b	309.2570	11.25
025YR024HR	smf-3b	309.5070	11.25
025YR024HR	smf-3b	309.7570	11.25
025YR024HR	smf-3b	310.0070	11.25
025YR024HR	smf-3b	310.2570	11.25
025YR024HR	smf-3b	310.5070	11.25
025YR024HR	smf-3b	310.7570	11.25
025YR024HR	smf-3b	311.0070	11.25
025YR024HR	smf-3b	311.2570	11.25
025YR024HR	smf-3b	311.5070	11.25
025YR024HR	smf-3b	311.7570	11.25
025YR024HR	smf-3b	312.0070	11.25
025YR024HR	smf-3b	312.2570	11.25
025YR024HR	smf-3b	312.5070	11.25
025YR024HR	smf-3b	312.7570	11.25
025YR024HR	smf-3b	313.0070	11.25
025YR024HR	smf-3b	313.2570	11.25
025YR024HR	smf-3b	313.5070	11.25
025YR024HR	smf-3b	313.7570	11.25
025YR024HR	smf-3b	314.0070	11.25
025YR024HR	smf-3b	314.2570	11.25
025YR024HR	smf-3b	314.5070	11.25
025YR024HR	smf-3b	314.7570	11.25
025YR024HR	smf-3b	315.0070	11.25
025YR024HR	smf-3b	315.2570	11.25

25yr-24hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR072HR	smf-1a	547.7515	12.46
025YR072HR	smf-1a	548.0015	12.46
025YR072HR	smf-1a	548.2515	12.46
025YR072HR	smf-1a	548.5015	12.46
025YR072HR	smf-1a	548.7515	12.46
025YR072HR	smf-1a	549.0015	12.46
025YR072HR	smf-1a	549.2515	12.46
025YR072HR	smf-1a	549.5015	12.46
025YR072HR	smf-1a	549.7515	12.46
025YR072HR	smf-1a	550.0015	12.46
025YR072HR	smf-1a	550.2515	12.46
025YR072HR	smf-1a	550.5015	12.46
025YR072HR	smf-1a	550.7515	12.46
025YR072HR	smf-1a	551.0015	12.46
025YR072HR	smf-1a	551.2515	12.46
025YR072HR	smf-1a	551.5015	12.46
025YR072HR	smf-1a	551.7515	12.46
025YR072HR	smf-1a	552.0015	12.46
025YR072HR	smf-1a	552.2515	12.46
025YR072HR	smf-1a	552.5015	12.46
025YR072HR	smf-1a	552.7515	12.45
025YR072HR	smf-1a	553.0015	12.45
025YR072HR	smf-1a	553.2515	12.45
025YR072HR	smf-1a	553.5015	12.45
025YR072HR	smf-1a	553.7515	12.45
025YR072HR	smf-1a	554.0015	12.45
025YR072HR	smf-1a	554.2515	12.45
025YR072HR	smf-1a	554.5015	12.45
025YR072HR	smf-1a	554.7515	12.45
025YR072HR	smf-1a	555.0015	12.45
025YR072HR	smf-1a	555.2515	12.45
025YR072HR	smf-1a	555.5015	12.45
025YR072HR	smf-1a	555.7515	12.45
025YR072HR	smf-1a	556.0015	12.45
025YR072HR	smf-1a	556.2515	12.45
025YR072HR	smf-1a	556.5015	12.45
025YR072HR	smf-1a	556.7515	12.45
025YR072HR	smf-1a	557.0015	12.45
025YR072HR	smf-1a	557.2515	12.45
025YR072HR	smf-1a	557.5015	12.45
025YR072HR	smf-1a	557.7515	12.45
025YR072HR	smf-1a	558.0015	12.45

25yr-72hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR072HR	smf-1b	417.0015	13.01
025YR072HR	smf-1b	417.2515	13.01
025YR072HR	smf-1b	417.5015	13.01
025YR072HR	smf-1b	417.7515	13.01
025YR072HR	smf-1b	418.0015	13.01
025YR072HR	smf-1b	418.2515	13.01
025YR072HR	smf-1b	418.5015	13.01
025YR072HR	smf-1b	418.7515	13.01
025YR072HR	smf-1b	419.0015	13.01
025YR072HR	smf-1b	419.2515	13.01
025YR072HR	smf-1b	419.5015	13.01
025YR072HR	smf-1b	419.7515	13.01
025YR072HR	smf-1b	420.0015	13.01
025YR072HR	smf-1b	420.2515	13.01
025YR072HR	smf-1b	420.5015	13.01
025YR072HR	smf-1b	420.7515	13.01
025YR072HR	smf-1b	421.0015	13.01
025YR072HR	smf-1b	421.2515	13.01
025YR072HR	smf-1b	421.5015	13.01
025YR072HR	smf-1b	421.7515	13.01
025YR072HR	smf-1b	422.0015	13.01
025YR072HR	smf-1b	422.2515	13.01
025YR072HR	smf-1b	422.5015	13.01
025YR072HR	smf-1b	422.7515	13.01
025YR072HR	smf-1b	423.0015	13.01
025YR072HR	smf-1b	423.2515	13.01
025YR072HR	smf-1b	423.5015	13.01
025YR072HR	smf-1b	423.7515	13.01
025YR072HR	smf-1b	424.0015	13.01
025YR072HR	smf-1b	424.2515	13.00
025YR072HR	smf-1b	424.5015	13.00
025YR072HR	smf-1b	424.7515	13.00
025YR072HR	smf-1b	425.0015	13.00
025YR072HR	smf-1b	425.2515	13.00
025YR072HR	smf-1b	425.5015	13.00
025YR072HR	smf-1b	425.7515	13.00
025YR072HR	smf-1b	426.0015	13.00
025YR072HR	smf-1b	426.2515	13.00
025YR072HR	smf-1b	426.5015	13.00
025YR072HR	smf-1b	426.7515	13.00
025YR072HR	smf-1b	427.0015	13.00
025YR072HR	smf-1b	427.2515	13.00



25yr-72hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR072HR	smf-2a	485.7515	12.11
025YR072HR	smf-2a	486.0015	12.11
025YR072HR	smf-2a	486.2515	12.11
025YR072HR	smf-2a	486.5015	12.11
025YR072HR	smf-2a	486.7515	12.11
025YR072HR	smf-2a	487.0015	12.11
025YR072HR	smf-2a	487.2515	12.11
025YR072HR	smf-2a	487.5015	12.11
025YR072HR	smf-2a	487.7515	12.11
025YR072HR	smf-2a	488.0015	12.11
025YR072HR	smf-2a	488.2515	12.11
025YR072HR	smf-2a	488.5015	12.11
025YR072HR	smf-2a	488.7515	12.10
025YR072HR	smf-2a	489.0015	12.10
025YR072HR	smf-2a	489.2515	12.10
025YR072HR	smf-2a	489.5015	12.10
025YR072HR	smf-2a	489.7515	12.10
025YR072HR	smf-2a	490.0015	12.10
025YR072HR	smf-2a	490.2515	12.10
025YR072HR	smf-2a	490.5015	12.10
025YR072HR	smf-2a	490.7515	12.10
025YR072HR	smf-2a	491.0015	12.10
025YR072HR	smf-2a	491.2515	12.10
025YR072HR	smf-2a	491.5015	12.10
025YR072HR	smf-2a	491.7515	12.10
025YR072HR	smf-2a	492.0015	12.10
025YR072HR	smf-2a	492.2515	12.10
025YR072HR	smf-2a	492.5015	12.10
025YR072HR	smf-2a	492.7515	12.10
025YR072HR	smf-2a	493.0015	12.10
025YR072HR	smf-2a	493.2515	12.10
025YR072HR	smf-2a	493.5015	12.10
025YR072HR	smf-2a	493.7515	12.10
025YR072HR	smf-2a	494.0015	12.10
025YR072HR	smf-2a	494.2515	12.10
025YR072HR	smf-2a	494.5015	12.10
025YR072HR	smf-2a	494.7515	12.10
025YR072HR	smf-2a	495.0015	12.10
025YR072HR	smf-2a	495.2515	12.10
025YR072HR	smf-2a	495.5015	12.10
025YR072HR	smf-2a	495.7515	12.10
025YR072HR	smf-2a	496.0015	12.10

25yr-72hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR072HR	smf-2b	407.5015	11.41
025YR072HR	smf-2b	407.7515	11.41
025YR072HR	smf-2b	408.0015	11.41
025YR072HR	smf-2b	408.2515	11.41
025YR072HR	smf-2b	408.5015	11.41
025YR072HR	smf-2b	408.7515	11.41
025YR072HR	smf-2b	409.0015	11.41
025YR072HR	smf-2b	409.2515	11.41
025YR072HR	smf-2b	409.5015	11.41
025YR072HR	smf-2b	409.7515	11.41
025YR072HR	smf-2b	410.0015	11.41
025YR072HR	smf-2b	410.2515	11.41
025YR072HR	smf-2b	410.5015	11.41
025YR072HR	smf-2b	410.7515	11.41
025YR072HR	smf-2b	411.0015	11.41
025YR072HR	smf-2b	411.2515	11.41
025YR072HR	smf-2b	411.5015	11.41
025YR072HR	smf-2b	411.7515	11.41
025YR072HR	smf-2b	412.0015	11.41
025YR072HR	smf-2b	412.2515	11.41
025YR072HR	smf-2b	412.5015	11.41
025YR072HR	smf-2b	412.7515	11.41
025YR072HR	smf-2b	413.0015	11.41
025YR072HR	smf-2b	413.2515	11.41
025YR072HR	smf-2b	413.5015	11.40
025YR072HR	smf-2b	413.7515	11.40
025YR072HR	smf-2b	414.0015	11.40
025YR072HR	smf-2b	414.2515	11.40
025YR072HR	smf-2b	414.5015	11.40
025YR072HR	smf-2b	414.7515	11.40
025YR072HR	smf-2b	415.0015	11.40
025YR072HR	smf-2b	415.2515	11.40
025YR072HR	smf-2b	415.5015	11.40
025YR072HR	smf-2b	415.7515	11.40
025YR072HR	smf-2b	416.0015	11.40
025YR072HR	smf-2b	416.2515	11.40
025YR072HR	smf-2b	416.5015	11.40
025YR072HR	smf-2b	416.7515	11.40
025YR072HR	smf-2b	417.0015	11.40
025YR072HR	smf-2b	417.2515	11.40
025YR072HR	smf-2b	417.5015	11.40
025YR072HR	smf-2b	417.7515	11.40

25yr-72hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR072HR	smf-2c	486.7515	11.86
025YR072HR	smf-2c	487.0015	11.86
025YR072HR	smf-2c	487.2515	11.86
025YR072HR	smf-2c	487.5015	11.86
025YR072HR	smf-2c	487.7515	11.86
025YR072HR	smf-2c	488.0015	11.86
025YR072HR	smf-2c	488.2515	11.86
025YR072HR	smf-2c	488.5015	11.86
025YR072HR	smf-2c	488.7515	11.86
025YR072HR	smf-2c	489.0015	11.86
025YR072HR	smf-2c	489.2515	11.86
025YR072HR	smf-2c	489.5015	11.86
025YR072HR	smf-2c	489.7515	11.86
025YR072HR	smf-2c	490.0015	11.86
025YR072HR	smf-2c	490.2515	11.86
025YR072HR	smf-2c	490.5015	11.86
025YR072HR	smf-2c	490.7515	11.86
025YR072HR	smf-2c	491.0015	11.86
025YR072HR	smf-2c	491.2515	11.86
025YR072HR	smf-2c	491.5015	11.86
025YR072HR	smf-2c	491.7515	11.86
025YR072HR	smf-2c	492.0015	11.86
025YR072HR	smf-2c	492.2515	11.86
025YR072HR	smf-2c	492.5015	11.86
025YR072HR	smf-2c	492.7515	11.86
025YR072HR	smf-2c	493.0015	11.86
025YR072HR	smf-2c	493.2515	11.86
025YR072HR	smf-2c	493.5015	11.86
025YR072HR	smf-2c	493.7515	11.86
025YR072HR	smf-2c	494.0015	11.86
025YR072HR	smf-2c	494.2515	11.86
025YR072HR	smf-2c	494.5015	11.86
025YR072HR	smf-2c	494.7515	11.86
025YR072HR	smf-2c	495.0015	11.86
025YR072HR	smf-2c	495.2515	11.86
025YR072HR	smf-2c	495.5015	11.86
025YR072HR	smf-2c	495.7515	11.86
025YR072HR	smf-2c	496.0015	11.86
025YR072HR	smf-2c	496.2515	11.86
025YR072HR	smf-2c	496.5015	11.86
025YR072HR	smf-2c	496.7515	11.86
025YR072HR	smf-2c	497.0015	11.85

25yr-72hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR072HR	smf-3a	534.5015	11.91
025YR072HR	smf-3a	534.7515	11.91
025YR072HR	smf-3a	535.0015	11.91
025YR072HR	smf-3a	535.2515	11.91
025YR072HR	smf-3a	535.5015	11.91
025YR072HR	smf-3a	535.7515	11.91
025YR072HR	smf-3a	536.0015	11.91
025YR072HR	smf-3a	536.2515	11.91
025YR072HR	smf-3a	536.5015	11.91
025YR072HR	smf-3a	536.7515	11.91
025YR072HR	smf-3a	537.0015	11.91
025YR072HR	smf-3a	537.2515	11.91
025YR072HR	smf-3a	537.5015	11.90
025YR072HR	smf-3a	537.7515	11.90
025YR072HR	smf-3a	538.0015	11.90
025YR072HR	smf-3a	538.2515	11.90
025YR072HR	smf-3a	538.5015	11.90
025YR072HR	smf-3a	538.7515	11.90
025YR072HR	smf-3a	539.0015	11.90
025YR072HR	smf-3a	539.2515	11.90
025YR072HR	smf-3a	539.5015	11.90
025YR072HR	smf-3a	539.7515	11.90
025YR072HR	smf-3a	540.0015	11.90
025YR072HR	smf-3a	540.2515	11.90
025YR072HR	smf-3a	540.5015	11.90
025YR072HR	smf-3a	540.7515	11.90
025YR072HR	smf-3a	541.0015	11.90
025YR072HR	smf-3a	541.2515	11.90
025YR072HR	smf-3a	541.5015	11.90
025YR072HR	smf-3a	541.7515	11.90
025YR072HR	smf-3a	542.0015	11.90
025YR072HR	smf-3a	542.2515	11.90
025YR072HR	smf-3a	542.5015	11.90
025YR072HR	smf-3a	542.7515	11.90
025YR072HR	smf-3a	543.0015	11.90
025YR072HR	smf-3a	543.2515	11.90
025YR072HR	smf-3a	543.5015	11.90
025YR072HR	smf-3a	543.7515	11.90
025YR072HR	smf-3a	544.0015	11.90
025YR072HR	smf-3a	544.2515	11.90
025YR072HR	smf-3a	544.5015	11.90
025YR072HR	smf-3a	544.7515	11.90



025YR072HR	smf-3a	537.5015	11.90
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25yr-72hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
025YR072HR	smf-3b	603.2515	11.26
025YR072HR	smf-3b	603.5015	11.26
025YR072HR	smf-3b	603.7515	11.26
025YR072HR	smf-3b	604.0015	11.26
025YR072HR	smf-3b	604.2515	11.26
025YR072HR	smf-3b	604.5015	11.26
025YR072HR	smf-3b	604.7515	11.26
025YR072HR	smf-3b	605.0015	11.26
025YR072HR	smf-3b	605.2515	11.26
025YR072HR	smf-3b	605.5015	11.26
025YR072HR	smf-3b	605.7515	11.26
025YR072HR	smf-3b	606.0015	11.26
025YR072HR	smf-3b	606.2515	11.26
025YR072HR	smf-3b	606.5015	11.26
025YR072HR	smf-3b	606.7515	11.26
025YR072HR	smf-3b	607.0015	11.26
025YR072HR	smf-3b	607.2515	11.26
025YR072HR	smf-3b	607.5015	11.26
025YR072HR	smf-3b	607.7515	11.26
025YR072HR	smf-3b	608.0015	11.26
025YR072HR	smf-3b	608.2515	11.26
025YR072HR	smf-3b	608.5015	11.26
025YR072HR	smf-3b	608.7515	11.26
025YR072HR	smf-3b	609.0015	11.25
025YR072HR	smf-3b	609.2515	11.25
025YR072HR	smf-3b	609.5015	11.25
025YR072HR	smf-3b	609.7515	11.25
025YR072HR	smf-3b	610.0015	11.25
025YR072HR	smf-3b	610.2515	11.25
025YR072HR	smf-3b	610.5015	11.25
025YR072HR	smf-3b	610.7515	11.25
025YR072HR	smf-3b	611.0015	11.25
025YR072HR	smf-3b	611.2515	11.25
025YR072HR	smf-3b	611.5015	11.25
025YR072HR	smf-3b	611.7515	11.25
025YR072HR	smf-3b	612.0015	11.25
025YR072HR	smf-3b	612.2515	11.25
025YR072HR	smf-3b	612.5015	11.25
025YR072HR	smf-3b	612.7515	11.25
025YR072HR	smf-3b	613.0015	11.25
025YR072HR	smf-3b	613.2515	11.25
025YR072HR	smf-3b	613.5015	11.25



25yr-72hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR001HR	smf-1a	73.5011	12.46
050YR001HR	smf-1a	73.7511	12.46
050YR001HR	smf-1a	74.0011	12.46
050YR001HR	smf-1a	74.2511	12.46
050YR001HR	smf-1a	74.5011	12.45
050YR001HR	smf-1a	74.7511	12.45
050YR001HR	smf-1a	75.0011	12.45
050YR001HR	smf-1a	75.2511	12.45
050YR001HR	smf-1a	75.5011	12.45
050YR001HR	smf-1a	75.7511	12.45
050YR001HR	smf-1a	76.0011	12.45
050YR001HR	smf-1a	76.2511	12.45
050YR001HR	smf-1a	76.5011	12.45
050YR001HR	smf-1a	76.7511	12.45
050YR001HR	smf-1a	77.0011	12.45
050YR001HR	smf-1a	77.2511	12.45
050YR001HR	smf-1a	77.5011	12.45
050YR001HR	smf-1a	77.7511	12.45
050YR001HR	smf-1a	78.0011	12.45
050YR001HR	smf-1a	78.2511	12.45
050YR001HR	smf-1a	78.5011	12.45
050YR001HR	smf-1a	78.7511	12.45
050YR001HR	smf-1a	79.0011	12.45
050YR001HR	smf-1a	79.2511	12.45
050YR001HR	smf-1a	79.5011	12.45
050YR001HR	smf-1a	79.7511	12.45
050YR001HR	smf-1a	80.0011	12.45
050YR001HR	smf-1a	80.2511	12.45
050YR001HR	smf-1a	80.5011	12.45
050YR001HR	smf-1a	80.7511	12.45
050YR001HR	smf-1a	81.0011	12.45
050YR001HR	smf-1a	81.2511	12.45
050YR001HR	smf-1a	81.5011	12.45
050YR001HR	smf-1a	81.7511	12.45
050YR001HR	smf-1a	82.0011	12.45
050YR001HR	smf-1a	82.2511	12.45
050YR001HR	smf-1a	82.5011	12.45
050YR001HR	smf-1a	82.7511	12.45
050YR001HR	smf-1a	83.0011	12.45
050YR001HR	smf-1a	83.2511	12.45
050YR001HR	smf-1a	83.5011	12.45
050YR001HR	smf-1a	83.7511	12.45

50yr-1hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR001HR	smf-1b	45.2511	13.07
050YR001HR	smf-1b	45.5011	13.07
050YR001HR	smf-1b	45.7511	13.07
050YR001HR	smf-1b	46.0011	13.06
050YR001HR	smf-1b	46.2511	13.06
050YR001HR	smf-1b	46.5011	13.06
050YR001HR	smf-1b	46.7511	13.06
050YR001HR	smf-1b	47.0011	13.05
050YR001HR	smf-1b	47.2511	13.05
050YR001HR	smf-1b	47.5011	13.05
050YR001HR	smf-1b	47.7511	13.05
050YR001HR	smf-1b	48.0011	13.05
050YR001HR	smf-1b	48.2511	13.04
050YR001HR	smf-1b	48.5011	13.04
050YR001HR	smf-1b	48.7511	13.04
050YR001HR	smf-1b	49.0011	13.04
050YR001HR	smf-1b	49.2511	13.04
050YR001HR	smf-1b	49.5011	13.03
050YR001HR	smf-1b	49.7511	13.03
050YR001HR	smf-1b	50.0011	13.03
050YR001HR	smf-1b	50.2511	13.03
050YR001HR	smf-1b	50.5011	13.03
050YR001HR	smf-1b	50.7511	13.02
050YR001HR	smf-1b	51.0011	13.02
050YR001HR	smf-1b	51.2511	13.02
050YR001HR	smf-1b	51.5011	13.02
050YR001HR	smf-1b	51.7511	13.02
050YR001HR	smf-1b	52.0011	13.02
050YR001HR	smf-1b	52.2511	13.01
050YR001HR	smf-1b	52.5011	13.01
050YR001HR	smf-1b	52.7511	13.01
050YR001HR	smf-1b	53.0011	13.01
050YR001HR	smf-1b	53.2511	13.01
050YR001HR	smf-1b	53.5011	13.01
050YR001HR	smf-1b	53.7511	13.00
050YR001HR	smf-1b	54.0011	13.00
050YR001HR	smf-1b	54.2511	13.00
050YR001HR	smf-1b	54.5011	13.00
050YR001HR	smf-1b	54.7511	13.00
050YR001HR	smf-1b	55.0011	13.00
050YR001HR	smf-1b	55.2511	13.00
050YR001HR	smf-1b	55.5011	13.00

50yr-1hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR001HR	smf-2a	122.0011	12.12
050YR001HR	smf-2a	122.2511	12.11
050YR001HR	smf-2a	122.5011	12.11
050YR001HR	smf-2a	122.7511	12.11
050YR001HR	smf-2a	123.0011	12.11
050YR001HR	smf-2a	123.2511	12.11
050YR001HR	smf-2a	123.5011	12.11
050YR001HR	smf-2a	123.7511	12.11
050YR001HR	smf-2a	124.0011	12.11
050YR001HR	smf-2a	124.2511	12.11
050YR001HR	smf-2a	124.5011	12.11
050YR001HR	smf-2a	124.7511	12.11
050YR001HR	smf-2a	125.0011	12.11
050YR001HR	smf-2a	125.2511	12.11
050YR001HR	smf-2a	125.5011	12.11
050YR001HR	smf-2a	125.7511	12.11
050YR001HR	smf-2a	126.0011	12.11
050YR001HR	smf-2a	126.2511	12.10
050YR001HR	smf-2a	126.5011	12.10
050YR001HR	smf-2a	126.7511	12.10
050YR001HR	smf-2a	127.0011	12.10
050YR001HR	smf-2a	127.2511	12.10
050YR001HR	smf-2a	127.5011	12.10
050YR001HR	smf-2a	127.7511	12.10
050YR001HR	smf-2a	128.0011	12.10
050YR001HR	smf-2a	128.2511	12.10
050YR001HR	smf-2a	128.5011	12.10
050YR001HR	smf-2a	128.7511	12.10
050YR001HR	smf-2a	129.0011	12.10
050YR001HR	smf-2a	129.2511	12.10
050YR001HR	smf-2a	129.5011	12.10
050YR001HR	smf-2a	129.7511	12.10
050YR001HR	smf-2a	130.0011	12.10
050YR001HR	smf-2a	130.2511	12.10
050YR001HR	smf-2a	130.5011	12.10
050YR001HR	smf-2a	130.7511	12.10
050YR001HR	smf-2a	131.0011	12.10
050YR001HR	smf-2a	131.2511	12.10
050YR001HR	smf-2a	131.5011	12.10
050YR001HR	smf-2a	131.7511	12.10
050YR001HR	smf-2a	132.0011	12.10
050YR001HR	smf-2a	132.2511	12.10

50yr-1hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR001HR	smf-2b	83.2511	11.42
050YR001HR	smf-2b	83.5011	11.42
050YR001HR	smf-2b	83.7511	11.42
050YR001HR	smf-2b	84.0011	11.42
050YR001HR	smf-2b	84.2511	11.42
050YR001HR	smf-2b	84.5011	11.42
050YR001HR	smf-2b	84.7511	11.41
050YR001HR	smf-2b	85.0011	11.41
050YR001HR	smf-2b	85.2511	11.41
050YR001HR	smf-2b	85.5011	11.41
050YR001HR	smf-2b	85.7511	11.41
050YR001HR	smf-2b	86.0011	11.41
050YR001HR	smf-2b	86.2511	11.41
050YR001HR	smf-2b	86.5011	11.41
050YR001HR	smf-2b	86.7511	11.41
050YR001HR	smf-2b	87.0011	11.40
050YR001HR	smf-2b	87.2511	11.40
050YR001HR	smf-2b	87.5011	11.40
050YR001HR	smf-2b	87.7511	11.40
050YR001HR	smf-2b	88.0011	11.40
050YR001HR	smf-2b	88.2511	11.40
050YR001HR	smf-2b	88.5011	11.40
050YR001HR	smf-2b	88.7511	11.40
050YR001HR	smf-2b	89.0011	11.40
050YR001HR	smf-2b	89.2511	11.40
050YR001HR	smf-2b	89.5011	11.40
050YR001HR	smf-2b	89.7511	11.40
050YR001HR	smf-2b	90.0011	11.40
050YR001HR	smf-2b	90.2511	11.40
050YR001HR	smf-2b	90.5011	11.40
050YR001HR	smf-2b	90.7511	11.40
050YR001HR	smf-2b	91.0011	11.40
050YR001HR	smf-2b	91.2511	11.40
050YR001HR	smf-2b	91.5011	11.40
050YR001HR	smf-2b	91.7511	11.40
050YR001HR	smf-2b	92.0011	11.40
050YR001HR	smf-2b	92.2511	11.40
050YR001HR	smf-2b	92.5011	11.40
050YR001HR	smf-2b	92.7511	11.40
050YR001HR	smf-2b	93.0011	11.40
050YR001HR	smf-2b	93.2511	11.40
050YR001HR	smf-2b	93.5011	11.40

50yr-1hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR001HR	smf-2c	107.5011	11.89
050YR001HR	smf-2c	107.7511	11.89
050YR001HR	smf-2c	108.0011	11.88
050YR001HR	smf-2c	108.2511	11.88
050YR001HR	smf-2c	108.5011	11.88
050YR001HR	smf-2c	108.7511	11.88
050YR001HR	smf-2c	109.0011	11.88
050YR001HR	smf-2c	109.2511	11.88
050YR001HR	smf-2c	109.5011	11.88
050YR001HR	smf-2c	109.7511	11.88
050YR001HR	smf-2c	110.0011	11.88
050YR001HR	smf-2c	110.2511	11.88
050YR001HR	smf-2c	110.5011	11.88
050YR001HR	smf-2c	110.7511	11.87
050YR001HR	smf-2c	111.0011	11.87
050YR001HR	smf-2c	111.2511	11.87
050YR001HR	smf-2c	111.5011	11.87
050YR001HR	smf-2c	111.7511	11.87
050YR001HR	smf-2c	112.0011	11.87
050YR001HR	smf-2c	112.2511	11.87
050YR001HR	smf-2c	112.5011	11.87
050YR001HR	smf-2c	112.7511	11.87
050YR001HR	smf-2c	113.0011	11.87
050YR001HR	smf-2c	113.2511	11.87
050YR001HR	smf-2c	113.5011	11.87
050YR001HR	smf-2c	113.7511	11.86
050YR001HR	smf-2c	114.0011	11.86
050YR001HR	smf-2c	114.2511	11.86
050YR001HR	smf-2c	114.5011	11.86
050YR001HR	smf-2c	114.7511	11.86
050YR001HR	smf-2c	115.0011	11.86
050YR001HR	smf-2c	115.2511	11.86
050YR001HR	smf-2c	115.5011	11.86
050YR001HR	smf-2c	115.7511	11.86
050YR001HR	smf-2c	116.0011	11.86
050YR001HR	smf-2c	116.2511	11.86
050YR001HR	smf-2c	116.5011	11.86
050YR001HR	smf-2c	116.7511	11.85
050YR001HR	smf-2c	117.0011	11.85
050YR001HR	smf-2c	117.2511	11.85
050YR001HR	smf-2c	117.5011	11.85
050YR001HR	smf-2c	117.7511	11.85

50yr-1hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR001HR	smf-3a	89.7511	11.91
050YR001HR	smf-3a	90.0011	11.91
050YR001HR	smf-3a	90.2511	11.91
050YR001HR	smf-3a	90.5011	11.91
050YR001HR	smf-3a	90.7511	11.90
050YR001HR	smf-3a	91.0011	11.90
050YR001HR	smf-3a	91.2511	11.90
050YR001HR	smf-3a	91.5011	11.90
050YR001HR	smf-3a	91.7511	11.90
050YR001HR	smf-3a	92.0011	11.90
050YR001HR	smf-3a	92.2511	11.90
050YR001HR	smf-3a	92.5011	11.90
050YR001HR	smf-3a	92.7511	11.90
050YR001HR	smf-3a	93.0011	11.90
050YR001HR	smf-3a	93.2511	11.90
050YR001HR	smf-3a	93.5011	11.90
050YR001HR	smf-3a	93.7511	11.90
050YR001HR	smf-3a	94.0011	11.90
050YR001HR	smf-3a	94.2511	11.90
050YR001HR	smf-3a	94.5011	11.90
050YR001HR	smf-3a	94.7511	11.90
050YR001HR	smf-3a	95.0011	11.90
050YR001HR	smf-3a	95.2511	11.90
050YR001HR	smf-3a	95.5011	11.90
050YR001HR	smf-3a	95.7511	11.90
050YR001HR	smf-3a	96.0011	11.90
050YR001HR	smf-3a	96.2511	11.90
050YR001HR	smf-3a	96.5011	11.90
050YR001HR	smf-3a	96.7511	11.90
050YR001HR	smf-3a	97.0011	11.90
050YR001HR	smf-3a	97.2511	11.90
050YR001HR	smf-3a	97.5011	11.90
050YR001HR	smf-3a	97.7511	11.90
050YR001HR	smf-3a	98.0011	11.90
050YR001HR	smf-3a	98.2511	11.90
050YR001HR	smf-3a	98.5011	11.90
050YR001HR	smf-3a	98.7511	11.90
050YR001HR	smf-3a	99.0011	11.90
050YR001HR	smf-3a	99.2511	11.90
050YR001HR	smf-3a	99.5011	11.90
050YR001HR	smf-3a	99.7511	11.90
050YR001HR	smf-3a	100.0011	11.90

50yr-1hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR001HR	smf-3b	114.0011	11.29
050YR001HR	smf-3b	114.2511	11.29
050YR001HR	smf-3b	114.5011	11.29
050YR001HR	smf-3b	114.7511	11.28
050YR001HR	smf-3b	115.0011	11.28
050YR001HR	smf-3b	115.2511	11.28
050YR001HR	smf-3b	115.5011	11.28
050YR001HR	smf-3b	115.7511	11.28
050YR001HR	smf-3b	116.0011	11.28
050YR001HR	smf-3b	116.2511	11.28
050YR001HR	smf-3b	116.5011	11.28
050YR001HR	smf-3b	116.7511	11.28
050YR001HR	smf-3b	117.0011	11.28
050YR001HR	smf-3b	117.2511	11.28
050YR001HR	smf-3b	117.5011	11.27
050YR001HR	smf-3b	117.7511	11.27
050YR001HR	smf-3b	118.0011	11.27
050YR001HR	smf-3b	118.2511	11.27
050YR001HR	smf-3b	118.5011	11.27
050YR001HR	smf-3b	118.7511	11.27
050YR001HR	smf-3b	119.0011	11.27
050YR001HR	smf-3b	119.2511	11.27
050YR001HR	smf-3b	119.5011	11.27
050YR001HR	smf-3b	119.7511	11.27
050YR001HR	smf-3b	120.0011	11.27
050YR001HR	smf-3b	120.2511	11.27
050YR001HR	smf-3b	120.5011	11.26
050YR001HR	smf-3b	120.7511	11.26
050YR001HR	smf-3b	121.0011	11.26
050YR001HR	smf-3b	121.2511	11.26
050YR001HR	smf-3b	121.5011	11.26
050YR001HR	smf-3b	121.7511	11.26
050YR001HR	smf-3b	122.0011	11.26
050YR001HR	smf-3b	122.2511	11.26
050YR001HR	smf-3b	122.5011	11.26
050YR001HR	smf-3b	122.7511	11.26
050YR001HR	smf-3b	123.0011	11.26
050YR001HR	smf-3b	123.2511	11.26
050YR001HR	smf-3b	123.5011	11.25
050YR001HR	smf-3b	123.7511	11.25
050YR001HR	smf-3b	124.0011	11.25
050YR001HR	smf-3b	124.2511	11.25

50yr-1hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR002HR	smf-1a	148.7541	12.46
050YR002HR	smf-1a	149.0041	12.46
050YR002HR	smf-1a	149.2541	12.46
050YR002HR	smf-1a	149.5041	12.46
050YR002HR	smf-1a	149.7541	12.46
050YR002HR	smf-1a	150.0041	12.46
050YR002HR	smf-1a	150.2541	12.46
050YR002HR	smf-1a	150.5041	12.46
050YR002HR	smf-1a	150.7541	12.46
050YR002HR	smf-1a	151.0041	12.46
050YR002HR	smf-1a	151.2541	12.46
050YR002HR	smf-1a	151.5041	12.46
050YR002HR	smf-1a	151.7541	12.46
050YR002HR	smf-1a	152.0041	12.46
050YR002HR	smf-1a	152.2541	12.46
050YR002HR	smf-1a	152.5041	12.46
050YR002HR	smf-1a	152.7541	12.45
050YR002HR	smf-1a	153.0041	12.45
050YR002HR	smf-1a	153.2541	12.45
050YR002HR	smf-1a	153.5041	12.45
050YR002HR	smf-1a	153.7541	12.45
050YR002HR	smf-1a	154.0041	12.45
050YR002HR	smf-1a	154.2541	12.45
050YR002HR	smf-1a	154.5041	12.45
050YR002HR	smf-1a	154.7541	12.45
050YR002HR	smf-1a	155.0041	12.45
050YR002HR	smf-1a	155.2541	12.45
050YR002HR	smf-1a	155.5041	12.45
050YR002HR	smf-1a	155.7541	12.45
050YR002HR	smf-1a	156.0041	12.45
050YR002HR	smf-1a	156.2541	12.45
050YR002HR	smf-1a	156.5041	12.45
050YR002HR	smf-1a	156.7541	12.45
050YR002HR	smf-1a	157.0041	12.45
050YR002HR	smf-1a	157.2541	12.45
050YR002HR	smf-1a	157.5041	12.45
050YR002HR	smf-1a	157.7541	12.45
050YR002HR	smf-1a	158.0041	12.45
050YR002HR	smf-1a	158.2541	12.45
050YR002HR	smf-1a	158.5041	12.45
050YR002HR	smf-1a	158.7541	12.45
050YR002HR	smf-1a	159.0041	12.45

50yr-2hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR002HR	smf-1b	67.0041	13.01
050YR002HR	smf-1b	67.2541	13.01
050YR002HR	smf-1b	67.5041	13.01
050YR002HR	smf-1b	67.7541	13.01
050YR002HR	smf-1b	68.0041	13.01
050YR002HR	smf-1b	68.2541	13.01
050YR002HR	smf-1b	68.5041	13.01
050YR002HR	smf-1b	68.7541	13.00
050YR002HR	smf-1b	69.0041	13.00
050YR002HR	smf-1b	69.2541	13.00
050YR002HR	smf-1b	69.5041	13.00
050YR002HR	smf-1b	69.7541	13.00
050YR002HR	smf-1b	70.0041	13.00
050YR002HR	smf-1b	70.2541	13.00
050YR002HR	smf-1b	70.5041	13.00
050YR002HR	smf-1b	70.7541	13.00
050YR002HR	smf-1b	71.0041	13.00
050YR002HR	smf-1b	71.2541	13.00
050YR002HR	smf-1b	71.5041	13.00
050YR002HR	smf-1b	71.7541	13.00
050YR002HR	smf-1b	72.0041	13.00
050YR002HR	smf-1b	72.2541	13.00
050YR002HR	smf-1b	72.5041	13.00
050YR002HR	smf-1b	72.7541	13.00
050YR002HR	smf-1b	73.0041	13.00
050YR002HR	smf-1b	73.2541	13.00
050YR002HR	smf-1b	73.5041	13.00
050YR002HR	smf-1b	73.7541	13.00
050YR002HR	smf-1b	74.0041	13.00
050YR002HR	smf-1b	74.2541	13.00
050YR002HR	smf-1b	74.5041	13.00
050YR002HR	smf-1b	74.7541	13.00
050YR002HR	smf-1b	75.0041	13.00
050YR002HR	smf-1b	75.2541	13.00
050YR002HR	smf-1b	75.5041	13.00
050YR002HR	smf-1b	75.7541	13.00
050YR002HR	smf-1b	76.0041	13.00
050YR002HR	smf-1b	76.2541	13.00
050YR002HR	smf-1b	76.5041	13.00
050YR002HR	smf-1b	76.7541	13.00
050YR002HR	smf-1b	77.0041	13.00
050YR002HR	smf-1b	77.2541	13.00

50yr-2hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR002HR	smf-2a	132.2541	12.12
050YR002HR	smf-2a	132.5041	12.12
050YR002HR	smf-2a	132.7541	12.12
050YR002HR	smf-2a	133.0041	12.12
050YR002HR	smf-2a	133.2541	12.12
050YR002HR	smf-2a	133.5041	12.12
050YR002HR	smf-2a	133.7541	12.12
050YR002HR	smf-2a	134.0041	12.12
050YR002HR	smf-2a	134.2541	12.12
050YR002HR	smf-2a	134.5041	12.12
050YR002HR	smf-2a	134.7541	12.12
050YR002HR	smf-2a	135.0041	12.12
050YR002HR	smf-2a	135.2541	12.12
050YR002HR	smf-2a	135.5041	12.12
050YR002HR	smf-2a	135.7541	12.12
050YR002HR	smf-2a	136.0041	12.12
050YR002HR	smf-2a	136.2541	12.12
050YR002HR	smf-2a	136.5041	12.11
050YR002HR	smf-2a	136.7541	12.11
050YR002HR	smf-2a	137.0041	12.11
050YR002HR	smf-2a	137.2541	12.11
050YR002HR	smf-2a	137.5041	12.11
050YR002HR	smf-2a	137.7541	12.11
050YR002HR	smf-2a	138.0041	12.11
050YR002HR	smf-2a	138.2541	12.11
050YR002HR	smf-2a	138.5041	12.11
050YR002HR	smf-2a	138.7541	12.11
050YR002HR	smf-2a	139.0041	12.11
050YR002HR	smf-2a	139.2541	12.11
050YR002HR	smf-2a	139.5041	12.11
050YR002HR	smf-2a	139.7541	12.11
050YR002HR	smf-2a	140.0041	12.11
050YR002HR	smf-2a	140.2541	12.11
050YR002HR	smf-2a	140.5041	12.11
050YR002HR	smf-2a	140.7541	12.10
050YR002HR	smf-2a	141.0041	12.10
050YR002HR	smf-2a	141.2541	12.10
050YR002HR	smf-2a	141.5041	12.10
050YR002HR	smf-2a	141.7541	12.10
050YR002HR	smf-2a	142.0041	12.10
050YR002HR	smf-2a	142.2541	12.10
050YR002HR	smf-2a	142.5041	12.10

50yr-2hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR002HR	smf-2b	103.0041	11.40
050YR002HR	smf-2b	103.2541	11.40
050YR002HR	smf-2b	103.5041	11.40
050YR002HR	smf-2b	103.7541	11.40
050YR002HR	smf-2b	104.0041	11.40
050YR002HR	smf-2b	104.2541	11.40
050YR002HR	smf-2b	104.5041	11.40
050YR002HR	smf-2b	104.7541	11.40
050YR002HR	smf-2b	105.0041	11.40
050YR002HR	smf-2b	105.2541	11.40
050YR002HR	smf-2b	105.5041	11.40
050YR002HR	smf-2b	105.7541	11.40
050YR002HR	smf-2b	106.0041	11.40
050YR002HR	smf-2b	106.2541	11.40
050YR002HR	smf-2b	106.5041	11.40
050YR002HR	smf-2b	106.7541	11.40
050YR002HR	smf-2b	107.0041	11.40
050YR002HR	smf-2b	107.2541	11.40
050YR002HR	smf-2b	107.5041	11.40
050YR002HR	smf-2b	107.7541	11.40
050YR002HR	smf-2b	108.0041	11.40
050YR002HR	smf-2b	108.2541	11.40
050YR002HR	smf-2b	108.5041	11.40
050YR002HR	smf-2b	108.7541	11.40
050YR002HR	smf-2b	109.0041	11.40
050YR002HR	smf-2b	109.2541	11.40
050YR002HR	smf-2b	109.5041	11.40
050YR002HR	smf-2b	109.7541	11.40
050YR002HR	smf-2b	110.0041	11.40
050YR002HR	smf-2b	110.2541	11.40
050YR002HR	smf-2b	110.5041	11.40
050YR002HR	smf-2b	110.7541	11.40
050YR002HR	smf-2b	111.0041	11.40
050YR002HR	smf-2b	111.2541	11.40
050YR002HR	smf-2b	111.5041	11.40
050YR002HR	smf-2b	111.7541	11.40
050YR002HR	smf-2b	112.0041	11.40
050YR002HR	smf-2b	112.2541	11.40
050YR002HR	smf-2b	112.5041	11.40
050YR002HR	smf-2b	112.7541	11.40
050YR002HR	smf-2b	113.0041	11.40
050YR002HR	smf-2b	113.2541	11.40

50yr-2hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR002HR	smf-2c	126.2541	11.87
050YR002HR	smf-2c	126.5041	11.87
050YR002HR	smf-2c	126.7541	11.87
050YR002HR	smf-2c	127.0041	11.87
050YR002HR	smf-2c	127.2541	11.87
050YR002HR	smf-2c	127.5041	11.87
050YR002HR	smf-2c	127.7541	11.87
050YR002HR	smf-2c	128.0041	11.87
050YR002HR	smf-2c	128.2541	11.87
050YR002HR	smf-2c	128.5041	11.87
050YR002HR	smf-2c	128.7541	11.87
050YR002HR	smf-2c	129.0041	11.86
050YR002HR	smf-2c	129.2541	11.86
050YR002HR	smf-2c	129.5041	11.86
050YR002HR	smf-2c	129.7541	11.86
050YR002HR	smf-2c	130.0041	11.86
050YR002HR	smf-2c	130.2541	11.86
050YR002HR	smf-2c	130.5041	11.86
050YR002HR	smf-2c	130.7541	11.86
050YR002HR	smf-2c	131.0041	11.86
050YR002HR	smf-2c	131.2541	11.86
050YR002HR	smf-2c	131.5041	11.86
050YR002HR	smf-2c	131.7541	11.86
050YR002HR	smf-2c	132.0041	11.86
050YR002HR	smf-2c	132.2541	11.86
050YR002HR	smf-2c	132.5041	11.85
050YR002HR	smf-2c	132.7541	11.85
050YR002HR	smf-2c	133.0041	11.85
050YR002HR	smf-2c	133.2541	11.85
050YR002HR	smf-2c	133.5041	11.85
050YR002HR	smf-2c	133.7541	11.85
050YR002HR	smf-2c	134.0041	11.85
050YR002HR	smf-2c	134.2541	11.85
050YR002HR	smf-2c	134.5041	11.85
050YR002HR	smf-2c	134.7541	11.85
050YR002HR	smf-2c	135.0041	11.85
050YR002HR	smf-2c	135.2541	11.85
050YR002HR	smf-2c	135.5041	11.85
050YR002HR	smf-2c	135.7541	11.85
050YR002HR	smf-2c	136.0041	11.85
050YR002HR	smf-2c	136.2541	11.85
050YR002HR	smf-2c	136.5041	11.85

50yr-2hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR002HR	smf-3a	107.5041	11.92
050YR002HR	smf-3a	107.7541	11.91
050YR002HR	smf-3a	108.0041	11.91
050YR002HR	smf-3a	108.2541	11.91
050YR002HR	smf-3a	108.5041	11.91
050YR002HR	smf-3a	108.7541	11.91
050YR002HR	smf-3a	109.0041	11.91
050YR002HR	smf-3a	109.2541	11.91
050YR002HR	smf-3a	109.5041	11.91
050YR002HR	smf-3a	109.7541	11.91
050YR002HR	smf-3a	110.0041	11.91
050YR002HR	smf-3a	110.2541	11.91
050YR002HR	smf-3a	110.5041	11.90
050YR002HR	smf-3a	110.7541	11.90
050YR002HR	smf-3a	111.0041	11.90
050YR002HR	smf-3a	111.2541	11.90
050YR002HR	smf-3a	111.5041	11.90
050YR002HR	smf-3a	111.7541	11.90
050YR002HR	smf-3a	112.0041	11.90
050YR002HR	smf-3a	112.2541	11.90
050YR002HR	smf-3a	112.5041	11.90
050YR002HR	smf-3a	112.7541	11.90
050YR002HR	smf-3a	113.0041	11.90
050YR002HR	smf-3a	113.2541	11.90
050YR002HR	smf-3a	113.5041	11.90
050YR002HR	smf-3a	113.7541	11.90
050YR002HR	smf-3a	114.0041	11.90
050YR002HR	smf-3a	114.2541	11.90
050YR002HR	smf-3a	114.5041	11.90
050YR002HR	smf-3a	114.7541	11.90
050YR002HR	smf-3a	115.0041	11.90
050YR002HR	smf-3a	115.2541	11.90
050YR002HR	smf-3a	115.5041	11.90
050YR002HR	smf-3a	115.7541	11.90
050YR002HR	smf-3a	116.0041	11.90
050YR002HR	smf-3a	116.2541	11.90
050YR002HR	smf-3a	116.5041	11.90
050YR002HR	smf-3a	116.7541	11.90
050YR002HR	smf-3a	117.0041	11.90
050YR002HR	smf-3a	117.2541	11.90
050YR002HR	smf-3a	117.5041	11.90
050YR002HR	smf-3a	117.7541	11.90

50yr-2hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR002HR	smf-3b	141.2541	11.26
050YR002HR	smf-3b	141.5041	11.26
050YR002HR	smf-3b	141.7541	11.26
050YR002HR	smf-3b	142.0041	11.26
050YR002HR	smf-3b	142.2541	11.26
050YR002HR	smf-3b	142.5041	11.26
050YR002HR	smf-3b	142.7541	11.26
050YR002HR	smf-3b	143.0041	11.26
050YR002HR	smf-3b	143.2541	11.26
050YR002HR	smf-3b	143.5041	11.25
050YR002HR	smf-3b	143.7541	11.25
050YR002HR	smf-3b	144.0041	11.25
050YR002HR	smf-3b	144.2541	11.25
050YR002HR	smf-3b	144.5041	11.25
050YR002HR	smf-3b	144.7541	11.25
050YR002HR	smf-3b	145.0041	11.25
050YR002HR	smf-3b	145.2541	11.25
050YR002HR	smf-3b	145.5041	11.25
050YR002HR	smf-3b	145.7541	11.25
050YR002HR	smf-3b	146.0041	11.25
050YR002HR	smf-3b	146.2541	11.25
050YR002HR	smf-3b	146.5041	11.25
050YR002HR	smf-3b	146.7541	11.25
050YR002HR	smf-3b	147.0041	11.25
050YR002HR	smf-3b	147.2541	11.25
050YR002HR	smf-3b	147.5041	11.25
050YR002HR	smf-3b	147.7541	11.25
050YR002HR	smf-3b	148.0041	11.25
050YR002HR	smf-3b	148.2541	11.25
050YR002HR	smf-3b	148.5041	11.25
050YR002HR	smf-3b	148.7541	11.25
050YR002HR	smf-3b	149.0041	11.25
050YR002HR	smf-3b	149.2541	11.25
050YR002HR	smf-3b	149.5041	11.25
050YR002HR	smf-3b	149.7541	11.25
050YR002HR	smf-3b	150.0041	11.25
050YR002HR	smf-3b	150.2541	11.25
050YR002HR	smf-3b	150.5041	11.25
050YR002HR	smf-3b	150.7541	11.25
050YR002HR	smf-3b	151.0041	11.25
050YR002HR	smf-3b	151.2541	11.25
050YR002HR	smf-3b	151.5041	11.25

50yr-2hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR004YR	smf-1a	175.0081	12.46
050YR004YR	smf-1a	175.2581	12.46
050YR004YR	smf-1a	175.5081	12.46
050YR004YR	smf-1a	175.7581	12.46
050YR004YR	smf-1a	176.0081	12.46
050YR004YR	smf-1a	176.2581	12.46
050YR004YR	smf-1a	176.5081	12.45
050YR004YR	smf-1a	176.7581	12.45
050YR004YR	smf-1a	177.0081	12.45
050YR004YR	smf-1a	177.2581	12.45
050YR004YR	smf-1a	177.5081	12.45
050YR004YR	smf-1a	177.7581	12.45
050YR004YR	smf-1a	178.0081	12.45
050YR004YR	smf-1a	178.2581	12.45
050YR004YR	smf-1a	178.5081	12.45
050YR004YR	smf-1a	178.7581	12.45
050YR004YR	smf-1a	179.0081	12.45
050YR004YR	smf-1a	179.2581	12.45
050YR004YR	smf-1a	179.5081	12.45
050YR004YR	smf-1a	179.7581	12.45
050YR004YR	smf-1a	180.0081	12.45
050YR004YR	smf-1a	180.2581	12.45
050YR004YR	smf-1a	180.5081	12.45
050YR004YR	smf-1a	180.7581	12.45
050YR004YR	smf-1a	181.0081	12.45
050YR004YR	smf-1a	181.2581	12.45
050YR004YR	smf-1a	181.5081	12.45
050YR004YR	smf-1a	181.7581	12.45
050YR004YR	smf-1a	182.0081	12.45
050YR004YR	smf-1a	182.2581	12.45
050YR004YR	smf-1a	182.5081	12.45
050YR004YR	smf-1a	182.7581	12.45
050YR004YR	smf-1a	183.0081	12.45
050YR004YR	smf-1a	183.2581	12.45
050YR004YR	smf-1a	183.5081	12.45
050YR004YR	smf-1a	183.7581	12.45
050YR004YR	smf-1a	184.0081	12.45
050YR004YR	smf-1a	184.2581	12.45
050YR004YR	smf-1a	184.5081	12.45
050YR004YR	smf-1a	184.7581	12.45
050YR004YR	smf-1a	185.0081	12.45
050YR004YR	smf-1a	185.2581	12.45

50yr-4hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR004YR	smf-1b	80.7581	13.02
050YR004YR	smf-1b	81.0081	13.02
050YR004YR	smf-1b	81.2581	13.02
050YR004YR	smf-1b	81.5081	13.02
050YR004YR	smf-1b	81.7581	13.02
050YR004YR	smf-1b	82.0081	13.02
050YR004YR	smf-1b	82.2581	13.01
050YR004YR	smf-1b	82.5081	13.01
050YR004YR	smf-1b	82.7581	13.01
050YR004YR	smf-1b	83.0081	13.01
050YR004YR	smf-1b	83.2581	13.01
050YR004YR	smf-1b	83.5081	13.01
050YR004YR	smf-1b	83.7581	13.01
050YR004YR	smf-1b	84.0081	13.01
050YR004YR	smf-1b	84.2581	13.00
050YR004YR	smf-1b	84.5081	13.00
050YR004YR	smf-1b	84.7581	13.00
050YR004YR	smf-1b	85.0081	13.00
050YR004YR	smf-1b	85.2581	13.00
050YR004YR	smf-1b	85.5081	13.00
050YR004YR	smf-1b	85.7581	13.00
050YR004YR	smf-1b	86.0081	13.00
050YR004YR	smf-1b	86.2581	13.00
050YR004YR	smf-1b	86.5081	13.00
050YR004YR	smf-1b	86.7581	13.00
050YR004YR	smf-1b	87.0081	13.00
050YR004YR	smf-1b	87.2581	13.00
050YR004YR	smf-1b	87.5081	13.00
050YR004YR	smf-1b	87.7581	13.00
050YR004YR	smf-1b	88.0081	13.00
050YR004YR	smf-1b	88.2581	13.00
050YR004YR	smf-1b	88.5081	13.00
050YR004YR	smf-1b	88.7581	13.00
050YR004YR	smf-1b	89.0081	13.00
050YR004YR	smf-1b	89.2581	13.00
050YR004YR	smf-1b	89.5081	13.00
050YR004YR	smf-1b	89.7581	13.00
050YR004YR	smf-1b	90.0081	13.00
050YR004YR	smf-1b	90.2581	13.00
050YR004YR	smf-1b	90.5081	13.00
050YR004YR	smf-1b	90.7581	13.00
050YR004YR	smf-1b	91.0081	13.00

50yr-4hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR004YR	smf-2a	154.5081	12.12
050YR004YR	smf-2a	154.7581	12.12
050YR004YR	smf-2a	155.0081	12.12
050YR004YR	smf-2a	155.2581	12.11
050YR004YR	smf-2a	155.5081	12.11
050YR004YR	smf-2a	155.7581	12.11
050YR004YR	smf-2a	156.0081	12.11
050YR004YR	smf-2a	156.2581	12.11
050YR004YR	smf-2a	156.5081	12.11
050YR004YR	smf-2a	156.7581	12.11
050YR004YR	smf-2a	157.0081	12.11
050YR004YR	smf-2a	157.2581	12.11
050YR004YR	smf-2a	157.5081	12.11
050YR004YR	smf-2a	157.7581	12.11
050YR004YR	smf-2a	158.0081	12.11
050YR004YR	smf-2a	158.2581	12.11
050YR004YR	smf-2a	158.5081	12.11
050YR004YR	smf-2a	158.7581	12.11
050YR004YR	smf-2a	159.0081	12.11
050YR004YR	smf-2a	159.2581	12.11
050YR004YR	smf-2a	159.5081	12.11
050YR004YR	smf-2a	159.7581	12.11
050YR004YR	smf-2a	160.0081	12.10
050YR004YR	smf-2a	160.2581	12.10
050YR004YR	smf-2a	160.5081	12.10
050YR004YR	smf-2a	160.7581	12.10
050YR004YR	smf-2a	161.0081	12.10
050YR004YR	smf-2a	161.2581	12.10
050YR004YR	smf-2a	161.5081	12.10
050YR004YR	smf-2a	161.7581	12.10
050YR004YR	smf-2a	162.0081	12.10
050YR004YR	smf-2a	162.2581	12.10
050YR004YR	smf-2a	162.5081	12.10
050YR004YR	smf-2a	162.7581	12.10
050YR004YR	smf-2a	163.0081	12.10
050YR004YR	smf-2a	163.2581	12.10
050YR004YR	smf-2a	163.5081	12.10
050YR004YR	smf-2a	163.7581	12.10
050YR004YR	smf-2a	164.0081	12.10
050YR004YR	smf-2a	164.2581	12.10
050YR004YR	smf-2a	164.5081	12.10
050YR004YR	smf-2a	164.7581	12.10

50yr-4hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR004YR	smf-2b	112.7581	11.43
050YR004YR	smf-2b	113.0081	11.43
050YR004YR	smf-2b	113.2581	11.42
050YR004YR	smf-2b	113.5081	11.42
050YR004YR	smf-2b	113.7581	11.42
050YR004YR	smf-2b	114.0081	11.42
050YR004YR	smf-2b	114.2581	11.42
050YR004YR	smf-2b	114.5081	11.42
050YR004YR	smf-2b	114.7581	11.42
050YR004YR	smf-2b	115.0081	11.42
050YR004YR	smf-2b	115.2581	11.42
050YR004YR	smf-2b	115.5081	11.42
050YR004YR	smf-2b	115.7581	11.42
050YR004YR	smf-2b	116.0081	11.41
050YR004YR	smf-2b	116.2581	11.41
050YR004YR	smf-2b	116.5081	11.41
050YR004YR	smf-2b	116.7581	11.41
050YR004YR	smf-2b	117.0081	11.41
050YR004YR	smf-2b	117.2581	11.41
050YR004YR	smf-2b	117.5081	11.41
050YR004YR	smf-2b	117.7581	11.41
050YR004YR	smf-2b	118.0081	11.41
050YR004YR	smf-2b	118.2581	11.41
050YR004YR	smf-2b	118.5081	11.41
050YR004YR	smf-2b	118.7581	11.40
050YR004YR	smf-2b	119.0081	11.40
050YR004YR	smf-2b	119.2581	11.40
050YR004YR	smf-2b	119.5081	11.40
050YR004YR	smf-2b	119.7581	11.40
050YR004YR	smf-2b	120.0081	11.40
050YR004YR	smf-2b	120.2581	11.40
050YR004YR	smf-2b	120.5081	11.40
050YR004YR	smf-2b	120.7581	11.40
050YR004YR	smf-2b	121.0081	11.40
050YR004YR	smf-2b	121.2581	11.40
050YR004YR	smf-2b	121.5081	11.40
050YR004YR	smf-2b	121.7581	11.40
050YR004YR	smf-2b	122.0081	11.40
050YR004YR	smf-2b	122.2581	11.40
050YR004YR	smf-2b	122.5081	11.40
050YR004YR	smf-2b	122.7581	11.40
050YR004YR	smf-2b	123.0081	11.40

50yr-4hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR004YR	smf-2c	144.5081	11.87
050YR004YR	smf-2c	144.7581	11.87
050YR004YR	smf-2c	145.0081	11.87
050YR004YR	smf-2c	145.2581	11.87
050YR004YR	smf-2c	145.5081	11.87
050YR004YR	smf-2c	145.7581	11.87
050YR004YR	smf-2c	146.0081	11.87
050YR004YR	smf-2c	146.2581	11.86
050YR004YR	smf-2c	146.5081	11.86
050YR004YR	smf-2c	146.7581	11.86
050YR004YR	smf-2c	147.0081	11.86
050YR004YR	smf-2c	147.2581	11.86
050YR004YR	smf-2c	147.5081	11.86
050YR004YR	smf-2c	147.7581	11.86
050YR004YR	smf-2c	148.0081	11.86
050YR004YR	smf-2c	148.2581	11.86
050YR004YR	smf-2c	148.5081	11.86
050YR004YR	smf-2c	148.7581	11.86
050YR004YR	smf-2c	149.0081	11.86
050YR004YR	smf-2c	149.2581	11.86
050YR004YR	smf-2c	149.5081	11.86
050YR004YR	smf-2c	149.7581	11.86
050YR004YR	smf-2c	150.0081	11.85
050YR004YR	smf-2c	150.2581	11.85
050YR004YR	smf-2c	150.5081	11.85
050YR004YR	smf-2c	150.7581	11.85
050YR004YR	smf-2c	151.0081	11.85
050YR004YR	smf-2c	151.2581	11.85
050YR004YR	smf-2c	151.5081	11.85
050YR004YR	smf-2c	151.7581	11.85
050YR004YR	smf-2c	152.0081	11.85
050YR004YR	smf-2c	152.2581	11.85
050YR004YR	smf-2c	152.5081	11.85
050YR004YR	smf-2c	152.7581	11.85
050YR004YR	smf-2c	153.0081	11.85
050YR004YR	smf-2c	153.2581	11.85
050YR004YR	smf-2c	153.5081	11.85
050YR004YR	smf-2c	153.7581	11.85
050YR004YR	smf-2c	154.0081	11.85
050YR004YR	smf-2c	154.2581	11.85
050YR004YR	smf-2c	154.5081	11.85
050YR004YR	smf-2c	154.7581	11.85

50yr-4hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR004YR	smf-3a	123.7581	11.93
050YR004YR	smf-3a	124.0081	11.93
050YR004YR	smf-3a	124.2581	11.93
050YR004YR	smf-3a	124.5081	11.92
050YR004YR	smf-3a	124.7581	11.92
050YR004YR	smf-3a	125.0081	11.92
050YR004YR	smf-3a	125.2581	11.92
050YR004YR	smf-3a	125.5081	11.92
050YR004YR	smf-3a	125.7581	11.92
050YR004YR	smf-3a	126.0081	11.92
050YR004YR	smf-3a	126.2581	11.92
050YR004YR	smf-3a	126.5081	11.92
050YR004YR	smf-3a	126.7581	11.92
050YR004YR	smf-3a	127.0081	11.92
050YR004YR	smf-3a	127.2581	11.92
050YR004YR	smf-3a	127.5081	11.91
050YR004YR	smf-3a	127.7581	11.91
050YR004YR	smf-3a	128.0081	11.91
050YR004YR	smf-3a	128.2581	11.91
050YR004YR	smf-3a	128.5081	11.91
050YR004YR	smf-3a	128.7581	11.91
050YR004YR	smf-3a	129.0081	11.91
050YR004YR	smf-3a	129.2581	11.91
050YR004YR	smf-3a	129.5081	11.91
050YR004YR	smf-3a	129.7581	11.91
050YR004YR	smf-3a	130.0081	11.91
050YR004YR	smf-3a	130.2581	11.91
050YR004YR	smf-3a	130.5081	11.91
050YR004YR	smf-3a	130.7581	11.90
050YR004YR	smf-3a	131.0081	11.90
050YR004YR	smf-3a	131.2581	11.90
050YR004YR	smf-3a	131.5081	11.90
050YR004YR	smf-3a	131.7581	11.90
050YR004YR	smf-3a	132.0081	11.90
050YR004YR	smf-3a	132.2581	11.90
050YR004YR	smf-3a	132.5081	11.90
050YR004YR	smf-3a	132.7581	11.90
050YR004YR	smf-3a	133.0081	11.90
050YR004YR	smf-3a	133.2581	11.90
050YR004YR	smf-3a	133.5081	11.90
050YR004YR	smf-3a	133.7581	11.90
050YR004YR	smf-3a	134.0081	11.90

50yr-4hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR004YR	smf-3b	155.5081	11.28
050YR004YR	smf-3b	155.7581	11.28
050YR004YR	smf-3b	156.0081	11.28
050YR004YR	smf-3b	156.2581	11.27
050YR004YR	smf-3b	156.5081	11.27
050YR004YR	smf-3b	156.7581	11.27
050YR004YR	smf-3b	157.0081	11.27
050YR004YR	smf-3b	157.2581	11.27
050YR004YR	smf-3b	157.5081	11.27
050YR004YR	smf-3b	157.7581	11.27
050YR004YR	smf-3b	158.0081	11.27
050YR004YR	smf-3b	158.2581	11.27
050YR004YR	smf-3b	158.5081	11.27
050YR004YR	smf-3b	158.7581	11.27
050YR004YR	smf-3b	159.0081	11.27
050YR004YR	smf-3b	159.2581	11.27
050YR004YR	smf-3b	159.5081	11.27
050YR004YR	smf-3b	159.7581	11.27
050YR004YR	smf-3b	160.0081	11.26
050YR004YR	smf-3b	160.2581	11.26
050YR004YR	smf-3b	160.5081	11.26
050YR004YR	smf-3b	160.7581	11.26
050YR004YR	smf-3b	161.0081	11.26
050YR004YR	smf-3b	161.2581	11.26
050YR004YR	smf-3b	161.5081	11.26
050YR004YR	smf-3b	161.7581	11.26
050YR004YR	smf-3b	162.0081	11.26
050YR004YR	smf-3b	162.2581	11.26
050YR004YR	smf-3b	162.5081	11.26
050YR004YR	smf-3b	162.7581	11.26
050YR004YR	smf-3b	163.0081	11.26
050YR004YR	smf-3b	163.2581	11.26
050YR004YR	smf-3b	163.5081	11.26
050YR004YR	smf-3b	163.7581	11.26
050YR004YR	smf-3b	164.0081	11.25
050YR004YR	smf-3b	164.2581	11.25
050YR004YR	smf-3b	164.5081	11.25
050YR004YR	smf-3b	164.7581	11.25
050YR004YR	smf-3b	165.0081	11.25
050YR004YR	smf-3b	165.2581	11.25
050YR004YR	smf-3b	165.5081	11.25
050YR004YR	smf-3b	165.7581	11.25

50yr-4hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR008HR	smf-1a	218.7543	12.46
050YR008HR	smf-1a	219.0043	12.46
050YR008HR	smf-1a	219.2543	12.46
050YR008HR	smf-1a	219.5043	12.46
050YR008HR	smf-1a	219.7543	12.46
050YR008HR	smf-1a	220.0043	12.46
050YR008HR	smf-1a	220.2543	12.46
050YR008HR	smf-1a	220.5043	12.46
050YR008HR	smf-1a	220.7543	12.46
050YR008HR	smf-1a	221.0043	12.46
050YR008HR	smf-1a	221.2543	12.46
050YR008HR	smf-1a	221.5043	12.46
050YR008HR	smf-1a	221.7543	12.46
050YR008HR	smf-1a	222.0043	12.46
050YR008HR	smf-1a	222.2543	12.46
050YR008HR	smf-1a	222.5043	12.46
050YR008HR	smf-1a	222.7543	12.46
050YR008HR	smf-1a	223.0043	12.46
050YR008HR	smf-1a	223.2543	12.46
050YR008HR	smf-1a	223.5043	12.45
050YR008HR	smf-1a	223.7543	12.45
050YR008HR	smf-1a	224.0043	12.45
050YR008HR	smf-1a	224.2543	12.45
050YR008HR	smf-1a	224.5043	12.45
050YR008HR	smf-1a	224.7543	12.45
050YR008HR	smf-1a	225.0043	12.45
050YR008HR	smf-1a	225.2543	12.45
050YR008HR	smf-1a	225.5043	12.45
050YR008HR	smf-1a	225.7543	12.45
050YR008HR	smf-1a	226.0043	12.45
050YR008HR	smf-1a	226.2543	12.45
050YR008HR	smf-1a	226.5043	12.45
050YR008HR	smf-1a	226.7543	12.45
050YR008HR	smf-1a	227.0043	12.45
050YR008HR	smf-1a	227.2543	12.45
050YR008HR	smf-1a	227.5043	12.45
050YR008HR	smf-1a	227.7543	12.45
050YR008HR	smf-1a	228.0043	12.45
050YR008HR	smf-1a	228.2543	12.45
050YR008HR	smf-1a	228.5043	12.45
050YR008HR	smf-1a	228.7543	12.45
050YR008HR	smf-1a	229.0043	12.45

50yr-8hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR008HR	smf-1b	110.0043	13.02
050YR008HR	smf-1b	110.2543	13.02
050YR008HR	smf-1b	110.5043	13.02
050YR008HR	smf-1b	110.7543	13.02
050YR008HR	smf-1b	111.0043	13.02
050YR008HR	smf-1b	111.2543	13.02
050YR008HR	smf-1b	111.5043	13.01
050YR008HR	smf-1b	111.7543	13.01
050YR008HR	smf-1b	112.0043	13.01
050YR008HR	smf-1b	112.2543	13.01
050YR008HR	smf-1b	112.5043	13.01
050YR008HR	smf-1b	112.7543	13.01
050YR008HR	smf-1b	113.0043	13.01
050YR008HR	smf-1b	113.2543	13.01
050YR008HR	smf-1b	113.5043	13.01
050YR008HR	smf-1b	113.7543	13.01
050YR008HR	smf-1b	114.0043	13.01
050YR008HR	smf-1b	114.2543	13.00
050YR008HR	smf-1b	114.5043	13.00
050YR008HR	smf-1b	114.7543	13.00
050YR008HR	smf-1b	115.0043	13.00
050YR008HR	smf-1b	115.2543	13.00
050YR008HR	smf-1b	115.5043	13.00
050YR008HR	smf-1b	115.7543	13.00
050YR008HR	smf-1b	116.0043	13.00
050YR008HR	smf-1b	116.2543	13.00
050YR008HR	smf-1b	116.5043	13.00
050YR008HR	smf-1b	116.7543	13.00
050YR008HR	smf-1b	117.0043	13.00
050YR008HR	smf-1b	117.2543	13.00
050YR008HR	smf-1b	117.5043	13.00
050YR008HR	smf-1b	117.7543	13.00
050YR008HR	smf-1b	118.0043	13.00
050YR008HR	smf-1b	118.2543	13.00
050YR008HR	smf-1b	118.5043	13.00
050YR008HR	smf-1b	118.7543	13.00
050YR008HR	smf-1b	119.0043	13.00
050YR008HR	smf-1b	119.2543	13.00
050YR008HR	smf-1b	119.5043	13.00
050YR008HR	smf-1b	119.7543	13.00
050YR008HR	smf-1b	120.0043	13.00
050YR008HR	smf-1b	120.2543	13.00

50yr-8hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR008HR	smf-2a	179.7543	12.12
050YR008HR	smf-2a	180.0043	12.12
050YR008HR	smf-2a	180.2543	12.12
050YR008HR	smf-2a	180.5043	12.12
050YR008HR	smf-2a	180.7543	12.12
050YR008HR	smf-2a	181.0043	12.12
050YR008HR	smf-2a	181.2543	12.12
050YR008HR	smf-2a	181.5043	12.12
050YR008HR	smf-2a	181.7543	12.12
050YR008HR	smf-2a	182.0043	12.12
050YR008HR	smf-2a	182.2543	12.12
050YR008HR	smf-2a	182.5043	12.12
050YR008HR	smf-2a	182.7543	12.12
050YR008HR	smf-2a	183.0043	12.12
050YR008HR	smf-2a	183.2543	12.11
050YR008HR	smf-2a	183.5043	12.11
050YR008HR	smf-2a	183.7543	12.11
050YR008HR	smf-2a	184.0043	12.11
050YR008HR	smf-2a	184.2543	12.11
050YR008HR	smf-2a	184.5043	12.11
050YR008HR	smf-2a	184.7543	12.11
050YR008HR	smf-2a	185.0043	12.11
050YR008HR	smf-2a	185.2543	12.11
050YR008HR	smf-2a	185.5043	12.11
050YR008HR	smf-2a	185.7543	12.11
050YR008HR	smf-2a	186.0043	12.11
050YR008HR	smf-2a	186.2543	12.11
050YR008HR	smf-2a	186.5043	12.11
050YR008HR	smf-2a	186.7543	12.11
050YR008HR	smf-2a	187.0043	12.11
050YR008HR	smf-2a	187.2543	12.11
050YR008HR	smf-2a	187.5043	12.11
050YR008HR	smf-2a	187.7543	12.11
050YR008HR	smf-2a	188.0043	12.11
050YR008HR	smf-2a	188.2543	12.11
050YR008HR	smf-2a	188.5043	12.11
050YR008HR	smf-2a	188.7543	12.10
050YR008HR	smf-2a	189.0043	12.10
050YR008HR	smf-2a	189.2543	12.10
050YR008HR	smf-2a	189.5043	12.10
050YR008HR	smf-2a	189.7543	12.10
050YR008HR	smf-2a	190.0043	12.10

50yr-8hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR008HR	smf-2b	144.5043	11.41
050YR008HR	smf-2b	144.7543	11.41
050YR008HR	smf-2b	145.0043	11.41
050YR008HR	smf-2b	145.2543	11.41
050YR008HR	smf-2b	145.5043	11.41
050YR008HR	smf-2b	145.7543	11.41
050YR008HR	smf-2b	146.0043	11.41
050YR008HR	smf-2b	146.2543	11.41
050YR008HR	smf-2b	146.5043	11.41
050YR008HR	smf-2b	146.7543	11.41
050YR008HR	smf-2b	147.0043	11.40
050YR008HR	smf-2b	147.2543	11.40
050YR008HR	smf-2b	147.5043	11.40
050YR008HR	smf-2b	147.7543	11.40
050YR008HR	smf-2b	148.0043	11.40
050YR008HR	smf-2b	148.2543	11.40
050YR008HR	smf-2b	148.5043	11.40
050YR008HR	smf-2b	148.7543	11.40
050YR008HR	smf-2b	149.0043	11.40
050YR008HR	smf-2b	149.2543	11.40
050YR008HR	smf-2b	149.5043	11.40
050YR008HR	smf-2b	149.7543	11.40
050YR008HR	smf-2b	150.0043	11.40
050YR008HR	smf-2b	150.2543	11.40
050YR008HR	smf-2b	150.5043	11.40
050YR008HR	smf-2b	150.7543	11.40
050YR008HR	smf-2b	151.0043	11.40
050YR008HR	smf-2b	151.2543	11.40
050YR008HR	smf-2b	151.5043	11.40
050YR008HR	smf-2b	151.7543	11.40
050YR008HR	smf-2b	152.0043	11.40
050YR008HR	smf-2b	152.2543	11.40
050YR008HR	smf-2b	152.5043	11.40
050YR008HR	smf-2b	152.7543	11.40
050YR008HR	smf-2b	153.0043	11.40
050YR008HR	smf-2b	153.2543	11.40
050YR008HR	smf-2b	153.5043	11.40
050YR008HR	smf-2b	153.7543	11.40
050YR008HR	smf-2b	154.0043	11.40
050YR008HR	smf-2b	154.2543	11.40
050YR008HR	smf-2b	154.5043	11.40
050YR008HR	smf-2b	154.7543	11.40



050YR008HR	smf-2b	146.7543	11.41
050YR008HR	smf-2b	147.0043	11.40

50yr-8hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR008HR	smf-2c	172.2543	11.87
050YR008HR	smf-2c	172.5043	11.87
050YR008HR	smf-2c	172.7543	11.87
050YR008HR	smf-2c	173.0043	11.87
050YR008HR	smf-2c	173.2543	11.87
050YR008HR	smf-2c	173.5043	11.87
050YR008HR	smf-2c	173.7543	11.87
050YR008HR	smf-2c	174.0043	11.87
050YR008HR	smf-2c	174.2543	11.87
050YR008HR	smf-2c	174.5043	11.87
050YR008HR	smf-2c	174.7543	11.86
050YR008HR	smf-2c	175.0043	11.86
050YR008HR	smf-2c	175.2543	11.86
050YR008HR	smf-2c	175.5043	11.86
050YR008HR	smf-2c	175.7543	11.86
050YR008HR	smf-2c	176.0043	11.86
050YR008HR	smf-2c	176.2543	11.86
050YR008HR	smf-2c	176.5043	11.86
050YR008HR	smf-2c	176.7543	11.86
050YR008HR	smf-2c	177.0043	11.86
050YR008HR	smf-2c	177.2543	11.86
050YR008HR	smf-2c	177.5043	11.86
050YR008HR	smf-2c	177.7543	11.86
050YR008HR	smf-2c	178.0043	11.86
050YR008HR	smf-2c	178.2543	11.86
050YR008HR	smf-2c	178.5043	11.86
050YR008HR	smf-2c	178.7543	11.86
050YR008HR	smf-2c	179.0043	11.86
050YR008HR	smf-2c	179.2543	11.85
050YR008HR	smf-2c	179.5043	11.85
050YR008HR	smf-2c	179.7543	11.85
050YR008HR	smf-2c	180.0043	11.85
050YR008HR	smf-2c	180.2543	11.85
050YR008HR	smf-2c	180.5043	11.85
050YR008HR	smf-2c	180.7543	11.85
050YR008HR	smf-2c	181.0043	11.85
050YR008HR	smf-2c	181.2543	11.85
050YR008HR	smf-2c	181.5043	11.85
050YR008HR	smf-2c	181.7543	11.85
050YR008HR	smf-2c	182.0043	11.85
050YR008HR	smf-2c	182.2543	11.85
050YR008HR	smf-2c	182.5043	11.85

50yr-8hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR008HR	smf-3a	158.0043	11.92
050YR008HR	smf-3a	158.2543	11.92
050YR008HR	smf-3a	158.5043	11.92
050YR008HR	smf-3a	158.7543	11.92
050YR008HR	smf-3a	159.0043	11.92
050YR008HR	smf-3a	159.2543	11.92
050YR008HR	smf-3a	159.5043	11.91
050YR008HR	smf-3a	159.7543	11.91
050YR008HR	smf-3a	160.0043	11.91
050YR008HR	smf-3a	160.2543	11.91
050YR008HR	smf-3a	160.5043	11.91
050YR008HR	smf-3a	160.7543	11.91
050YR008HR	smf-3a	161.0043	11.91
050YR008HR	smf-3a	161.2543	11.91
050YR008HR	smf-3a	161.5043	11.91
050YR008HR	smf-3a	161.7543	11.91
050YR008HR	smf-3a	162.0043	11.91
050YR008HR	smf-3a	162.2543	11.91
050YR008HR	smf-3a	162.5043	11.91
050YR008HR	smf-3a	162.7543	11.91
050YR008HR	smf-3a	163.0043	11.91
050YR008HR	smf-3a	163.2543	11.91
050YR008HR	smf-3a	163.5043	11.90
050YR008HR	smf-3a	163.7543	11.90
050YR008HR	smf-3a	164.0043	11.90
050YR008HR	smf-3a	164.2543	11.90
050YR008HR	smf-3a	164.5043	11.90
050YR008HR	smf-3a	164.7543	11.90
050YR008HR	smf-3a	165.0043	11.90
050YR008HR	smf-3a	165.2543	11.90
050YR008HR	smf-3a	165.5043	11.90
050YR008HR	smf-3a	165.7543	11.90
050YR008HR	smf-3a	166.0043	11.90
050YR008HR	smf-3a	166.2543	11.90
050YR008HR	smf-3a	166.5043	11.90
050YR008HR	smf-3a	166.7543	11.90
050YR008HR	smf-3a	167.0043	11.90
050YR008HR	smf-3a	167.2543	11.90
050YR008HR	smf-3a	167.5043	11.90
050YR008HR	smf-3a	167.7543	11.90
050YR008HR	smf-3a	168.0043	11.90
050YR008HR	smf-3a	168.2543	11.90

50yr-8hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR008HR	smf-3b	196.2543	11.26
050YR008HR	smf-3b	196.5043	11.26
050YR008HR	smf-3b	196.7543	11.26
050YR008HR	smf-3b	197.0043	11.26
050YR008HR	smf-3b	197.2543	11.26
050YR008HR	smf-3b	197.5043	11.26
050YR008HR	smf-3b	197.7543	11.26
050YR008HR	smf-3b	198.0043	11.26
050YR008HR	smf-3b	198.2543	11.26
050YR008HR	smf-3b	198.5043	11.26
050YR008HR	smf-3b	198.7543	11.26
050YR008HR	smf-3b	199.0043	11.25
050YR008HR	smf-3b	199.2543	11.25
050YR008HR	smf-3b	199.5043	11.25
050YR008HR	smf-3b	199.7543	11.25
050YR008HR	smf-3b	200.0043	11.25
050YR008HR	smf-3b	200.2543	11.25
050YR008HR	smf-3b	200.5043	11.25
050YR008HR	smf-3b	200.7543	11.25
050YR008HR	smf-3b	201.0043	11.25
050YR008HR	smf-3b	201.2543	11.25
050YR008HR	smf-3b	201.5043	11.25
050YR008HR	smf-3b	201.7543	11.25
050YR008HR	smf-3b	202.0043	11.25
050YR008HR	smf-3b	202.2543	11.25
050YR008HR	smf-3b	202.5043	11.25
050YR008HR	smf-3b	202.7543	11.25
050YR008HR	smf-3b	203.0043	11.25
050YR008HR	smf-3b	203.2543	11.25
050YR008HR	smf-3b	203.5043	11.25
050YR008HR	smf-3b	203.7543	11.25
050YR008HR	smf-3b	204.0043	11.25
050YR008HR	smf-3b	204.2543	11.25
050YR008HR	smf-3b	204.5043	11.25
050YR008HR	smf-3b	204.7543	11.25
050YR008HR	smf-3b	205.0043	11.25
050YR008HR	smf-3b	205.2543	11.25
050YR008HR	smf-3b	205.5043	11.25
050YR008HR	smf-3b	205.7543	11.25
050YR008HR	smf-3b	206.0043	11.25
050YR008HR	smf-3b	206.2543	11.25
050YR008HR	smf-3b	206.5043	11.25



050YR008HR	smf-3b	199.0043	11.25
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50yr-8hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR024HR	smf-1a	318.5054	12.47
050YR024HR	smf-1a	318.7554	12.47
050YR024HR	smf-1a	319.0054	12.46
050YR024HR	smf-1a	319.2554	12.46
050YR024HR	smf-1a	319.5054	12.46
050YR024HR	smf-1a	319.7554	12.46
050YR024HR	smf-1a	320.0054	12.46
050YR024HR	smf-1a	320.2554	12.46
050YR024HR	smf-1a	320.5054	12.46
050YR024HR	smf-1a	320.7554	12.46
050YR024HR	smf-1a	321.0054	12.46
050YR024HR	smf-1a	321.2554	12.46
050YR024HR	smf-1a	321.5054	12.46
050YR024HR	smf-1a	321.7554	12.46
050YR024HR	smf-1a	322.0054	12.46
050YR024HR	smf-1a	322.2554	12.46
050YR024HR	smf-1a	322.5054	12.46
050YR024HR	smf-1a	322.7554	12.46
050YR024HR	smf-1a	323.0054	12.46
050YR024HR	smf-1a	323.2554	12.46
050YR024HR	smf-1a	323.5054	12.46
050YR024HR	smf-1a	323.7554	12.46
050YR024HR	smf-1a	324.0054	12.46
050YR024HR	smf-1a	324.2554	12.46
050YR024HR	smf-1a	324.5054	12.46
050YR024HR	smf-1a	324.7554	12.46
050YR024HR	smf-1a	325.0054	12.46
050YR024HR	smf-1a	325.2554	12.46
050YR024HR	smf-1a	325.5054	12.46
050YR024HR	smf-1a	325.7554	12.46
050YR024HR	smf-1a	326.0054	12.46
050YR024HR	smf-1a	326.2554	12.46
050YR024HR	smf-1a	326.5054	12.46
050YR024HR	smf-1a	326.7554	12.46
050YR024HR	smf-1a	327.0054	12.46
050YR024HR	smf-1a	327.2554	12.46
050YR024HR	smf-1a	327.5054	12.45
050YR024HR	smf-1a	327.7554	12.45
050YR024HR	smf-1a	328.0054	12.45
050YR024HR	smf-1a	328.2554	12.45
050YR024HR	smf-1a	328.5054	12.45
050YR024HR	smf-1a	328.7554	12.45

50yr-24hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR024HR	smf-1b	193.7554	13.02
050YR024HR	smf-1b	194.0054	13.02
050YR024HR	smf-1b	194.2554	13.02
050YR024HR	smf-1b	194.5054	13.02
050YR024HR	smf-1b	194.7554	13.02
050YR024HR	smf-1b	195.0054	13.02
050YR024HR	smf-1b	195.2554	13.02
050YR024HR	smf-1b	195.5054	13.02
050YR024HR	smf-1b	195.7554	13.01
050YR024HR	smf-1b	196.0054	13.01
050YR024HR	smf-1b	196.2554	13.01
050YR024HR	smf-1b	196.5054	13.01
050YR024HR	smf-1b	196.7554	13.01
050YR024HR	smf-1b	197.0054	13.01
050YR024HR	smf-1b	197.2554	13.01
050YR024HR	smf-1b	197.5054	13.01
050YR024HR	smf-1b	197.7554	13.01
050YR024HR	smf-1b	198.0054	13.01
050YR024HR	smf-1b	198.2554	13.01
050YR024HR	smf-1b	198.5054	13.01
050YR024HR	smf-1b	198.7554	13.01
050YR024HR	smf-1b	199.0054	13.01
050YR024HR	smf-1b	199.2554	13.01
050YR024HR	smf-1b	199.5054	13.01
050YR024HR	smf-1b	199.7554	13.01
050YR024HR	smf-1b	200.0054	13.01
050YR024HR	smf-1b	200.2554	13.01
050YR024HR	smf-1b	200.5054	13.00
050YR024HR	smf-1b	200.7554	13.00
050YR024HR	smf-1b	201.0054	13.00
050YR024HR	smf-1b	201.2554	13.00
050YR024HR	smf-1b	201.5054	13.00
050YR024HR	smf-1b	201.7554	13.00
050YR024HR	smf-1b	202.0054	13.00
050YR024HR	smf-1b	202.2554	13.00
050YR024HR	smf-1b	202.5054	13.00
050YR024HR	smf-1b	202.7554	13.00
050YR024HR	smf-1b	203.0054	13.00
050YR024HR	smf-1b	203.2554	13.00
050YR024HR	smf-1b	203.5054	13.00
050YR024HR	smf-1b	203.7554	13.00
050YR024HR	smf-1b	204.0054	13.00

50yr-24hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR024HR	smf-2a	268.5054	12.12
050YR024HR	smf-2a	268.7554	12.12
050YR024HR	smf-2a	269.0054	12.12
050YR024HR	smf-2a	269.2554	12.12
050YR024HR	smf-2a	269.5054	12.12
050YR024HR	smf-2a	269.7554	12.12
050YR024HR	smf-2a	270.0054	12.12
050YR024HR	smf-2a	270.2554	12.12
050YR024HR	smf-2a	270.5054	12.12
050YR024HR	smf-2a	270.7554	12.11
050YR024HR	smf-2a	271.0054	12.11
050YR024HR	smf-2a	271.2554	12.11
050YR024HR	smf-2a	271.5054	12.11
050YR024HR	smf-2a	271.7554	12.11
050YR024HR	smf-2a	272.0054	12.11
050YR024HR	smf-2a	272.2554	12.11
050YR024HR	smf-2a	272.5054	12.11
050YR024HR	smf-2a	272.7554	12.11
050YR024HR	smf-2a	273.0054	12.11
050YR024HR	smf-2a	273.2554	12.11
050YR024HR	smf-2a	273.5054	12.11
050YR024HR	smf-2a	273.7554	12.11
050YR024HR	smf-2a	274.0054	12.11
050YR024HR	smf-2a	274.2554	12.11
050YR024HR	smf-2a	274.5054	12.11
050YR024HR	smf-2a	274.7554	12.11
050YR024HR	smf-2a	275.0054	12.11
050YR024HR	smf-2a	275.2554	12.11
050YR024HR	smf-2a	275.5054	12.11
050YR024HR	smf-2a	275.7554	12.11
050YR024HR	smf-2a	276.0054	12.11
050YR024HR	smf-2a	276.2554	12.11
050YR024HR	smf-2a	276.5054	12.11
050YR024HR	smf-2a	276.7554	12.11
050YR024HR	smf-2a	277.0054	12.11
050YR024HR	smf-2a	277.2554	12.11
050YR024HR	smf-2a	277.5054	12.11
050YR024HR	smf-2a	277.7554	12.11
050YR024HR	smf-2a	278.0054	12.11
050YR024HR	smf-2a	278.2554	12.11
050YR024HR	smf-2a	278.5054	12.10
050YR024HR	smf-2a	278.7554	12.10



50yr-24hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR024HR	smf-2b	227.7554	11.41
050YR024HR	smf-2b	228.0054	11.41
050YR024HR	smf-2b	228.2554	11.41
050YR024HR	smf-2b	228.5054	11.41
050YR024HR	smf-2b	228.7554	11.41
050YR024HR	smf-2b	229.0054	11.41
050YR024HR	smf-2b	229.2554	11.41
050YR024HR	smf-2b	229.5054	11.41
050YR024HR	smf-2b	229.7554	11.41
050YR024HR	smf-2b	230.0054	11.41
050YR024HR	smf-2b	230.2554	11.41
050YR024HR	smf-2b	230.5054	11.41
050YR024HR	smf-2b	230.7554	11.41
050YR024HR	smf-2b	231.0054	11.41
050YR024HR	smf-2b	231.2554	11.41
050YR024HR	smf-2b	231.5054	11.41
050YR024HR	smf-2b	231.7554	11.41
050YR024HR	smf-2b	232.0054	11.41
050YR024HR	smf-2b	232.2554	11.41
050YR024HR	smf-2b	232.5054	11.41
050YR024HR	smf-2b	232.7554	11.41
050YR024HR	smf-2b	233.0054	11.40
050YR024HR	smf-2b	233.2554	11.40
050YR024HR	smf-2b	233.5054	11.40
050YR024HR	smf-2b	233.7554	11.40
050YR024HR	smf-2b	234.0054	11.40
050YR024HR	smf-2b	234.2554	11.40
050YR024HR	smf-2b	234.5054	11.40
050YR024HR	smf-2b	234.7554	11.40
050YR024HR	smf-2b	235.0054	11.40
050YR024HR	smf-2b	235.2554	11.40
050YR024HR	smf-2b	235.5054	11.40
050YR024HR	smf-2b	235.7554	11.40
050YR024HR	smf-2b	236.0054	11.40
050YR024HR	smf-2b	236.2554	11.40
050YR024HR	smf-2b	236.5054	11.40
050YR024HR	smf-2b	236.7554	11.40
050YR024HR	smf-2b	237.0054	11.40
050YR024HR	smf-2b	237.2554	11.40
050YR024HR	smf-2b	237.5054	11.40
050YR024HR	smf-2b	237.7554	11.40
050YR024HR	smf-2b	238.0054	11.40

50yr-24hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR024HR	smf-2c	271.0054	11.86
050YR024HR	smf-2c	271.2554	11.86
050YR024HR	smf-2c	271.5054	11.85
050YR024HR	smf-2c	271.7554	11.85
050YR024HR	smf-2c	272.0054	11.85
050YR024HR	smf-2c	272.2554	11.85
050YR024HR	smf-2c	272.5054	11.85
050YR024HR	smf-2c	272.7554	11.85
050YR024HR	smf-2c	273.0054	11.85
050YR024HR	smf-2c	273.2554	11.85
050YR024HR	smf-2c	273.5054	11.85
050YR024HR	smf-2c	273.7554	11.85
050YR024HR	smf-2c	274.0054	11.85
050YR024HR	smf-2c	274.2554	11.85
050YR024HR	smf-2c	274.5054	11.85
050YR024HR	smf-2c	274.7554	11.85
050YR024HR	smf-2c	275.0054	11.85
050YR024HR	smf-2c	275.2554	11.85
050YR024HR	smf-2c	275.5054	11.85
050YR024HR	smf-2c	275.7554	11.85
050YR024HR	smf-2c	276.0054	11.85
050YR024HR	smf-2c	276.2554	11.85
050YR024HR	smf-2c	276.5054	11.85
050YR024HR	smf-2c	276.7554	11.85
050YR024HR	smf-2c	277.0054	11.85
050YR024HR	smf-2c	277.2554	11.85
050YR024HR	smf-2c	277.5054	11.85
050YR024HR	smf-2c	277.7554	11.85
050YR024HR	smf-2c	278.0054	11.85
050YR024HR	smf-2c	278.2554	11.85
050YR024HR	smf-2c	278.5054	11.85
050YR024HR	smf-2c	278.7554	11.85
050YR024HR	smf-2c	279.0054	11.85
050YR024HR	smf-2c	279.2554	11.85
050YR024HR	smf-2c	279.5054	11.85
050YR024HR	smf-2c	279.7554	11.85
050YR024HR	smf-2c	280.0054	11.85
050YR024HR	smf-2c	280.2554	11.85
050YR024HR	smf-2c	280.5054	11.85
050YR024HR	smf-2c	280.7554	11.85
050YR024HR	smf-2c	281.0054	11.85
050YR024HR	smf-2c	281.2554	11.85

50yr-24hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR024HR	smf-3a	261.7554	11.92
050YR024HR	smf-3a	262.0054	11.92
050YR024HR	smf-3a	262.2554	11.92
050YR024HR	smf-3a	262.5054	11.92
050YR024HR	smf-3a	262.7554	11.92
050YR024HR	smf-3a	263.0054	11.92
050YR024HR	smf-3a	263.2554	11.91
050YR024HR	smf-3a	263.5054	11.91
050YR024HR	smf-3a	263.7554	11.91
050YR024HR	smf-3a	264.0054	11.91
050YR024HR	smf-3a	264.2554	11.91
050YR024HR	smf-3a	264.5054	11.91
050YR024HR	smf-3a	264.7554	11.91
050YR024HR	smf-3a	265.0054	11.91
050YR024HR	smf-3a	265.2554	11.91
050YR024HR	smf-3a	265.5054	11.91
050YR024HR	smf-3a	265.7554	11.91
050YR024HR	smf-3a	266.0054	11.91
050YR024HR	smf-3a	266.2554	11.91
050YR024HR	smf-3a	266.5054	11.91
050YR024HR	smf-3a	266.7554	11.91
050YR024HR	smf-3a	267.0054	11.91
050YR024HR	smf-3a	267.2554	11.91
050YR024HR	smf-3a	267.5054	11.91
050YR024HR	smf-3a	267.7554	11.91
050YR024HR	smf-3a	268.0054	11.91
050YR024HR	smf-3a	268.2554	11.91
050YR024HR	smf-3a	268.5054	11.91
050YR024HR	smf-3a	268.7554	11.91
050YR024HR	smf-3a	269.0054	11.91
050YR024HR	smf-3a	269.2554	11.91
050YR024HR	smf-3a	269.5054	11.90
050YR024HR	smf-3a	269.7554	11.90
050YR024HR	smf-3a	270.0054	11.90
050YR024HR	smf-3a	270.2554	11.90
050YR024HR	smf-3a	270.5054	11.90
050YR024HR	smf-3a	270.7554	11.90
050YR024HR	smf-3a	271.0054	11.90
050YR024HR	smf-3a	271.2554	11.90
050YR024HR	smf-3a	271.5054	11.90
050YR024HR	smf-3a	271.7554	11.90
050YR024HR	smf-3a	272.0054	11.90



050YR024HR smf-3a 269.5054 11.90

50yr-24hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR024HR	smf-3b	305.0054	11.27
050YR024HR	smf-3b	305.2554	11.27
050YR024HR	smf-3b	305.5054	11.27
050YR024HR	smf-3b	305.7554	11.27
050YR024HR	smf-3b	306.0054	11.26
050YR024HR	smf-3b	306.2554	11.26
050YR024HR	smf-3b	306.5054	11.26
050YR024HR	smf-3b	306.7554	11.26
050YR024HR	smf-3b	307.0054	11.26
050YR024HR	smf-3b	307.2554	11.26
050YR024HR	smf-3b	307.5054	11.26
050YR024HR	smf-3b	307.7554	11.26
050YR024HR	smf-3b	308.0054	11.26
050YR024HR	smf-3b	308.2554	11.26
050YR024HR	smf-3b	308.5054	11.26
050YR024HR	smf-3b	308.7554	11.26
050YR024HR	smf-3b	309.0054	11.26
050YR024HR	smf-3b	309.2554	11.26
050YR024HR	smf-3b	309.5054	11.26
050YR024HR	smf-3b	309.7554	11.26
050YR024HR	smf-3b	310.0054	11.26
050YR024HR	smf-3b	310.2554	11.26
050YR024HR	smf-3b	310.5054	11.26
050YR024HR	smf-3b	310.7554	11.26
050YR024HR	smf-3b	311.0054	11.26
050YR024HR	smf-3b	311.2554	11.26
050YR024HR	smf-3b	311.5054	11.26
050YR024HR	smf-3b	311.7554	11.26
050YR024HR	smf-3b	312.0054	11.26
050YR024HR	smf-3b	312.2554	11.26
050YR024HR	smf-3b	312.5054	11.26
050YR024HR	smf-3b	312.7554	11.26
050YR024HR	smf-3b	313.0054	11.26
050YR024HR	smf-3b	313.2554	11.26
050YR024HR	smf-3b	313.5054	11.25
050YR024HR	smf-3b	313.7554	11.25
050YR024HR	smf-3b	314.0054	11.25
050YR024HR	smf-3b	314.2554	11.25
050YR024HR	smf-3b	314.5054	11.25
050YR024HR	smf-3b	314.7554	11.25
050YR024HR	smf-3b	315.0054	11.25
050YR024HR	smf-3b	315.2554	11.25



50yr-24hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR072HR	smf-1a	558.2525	12.46
050YR072HR	smf-1a	558.5025	12.46
050YR072HR	smf-1a	558.7525	12.46
050YR072HR	smf-1a	559.0025	12.46
050YR072HR	smf-1a	559.2525	12.46
050YR072HR	smf-1a	559.5025	12.46
050YR072HR	smf-1a	559.7525	12.46
050YR072HR	smf-1a	560.0025	12.46
050YR072HR	smf-1a	560.2525	12.46
050YR072HR	smf-1a	560.5025	12.46
050YR072HR	smf-1a	560.7525	12.46
050YR072HR	smf-1a	561.0025	12.46
050YR072HR	smf-1a	561.2525	12.46
050YR072HR	smf-1a	561.5025	12.46
050YR072HR	smf-1a	561.7525	12.46
050YR072HR	smf-1a	562.0025	12.46
050YR072HR	smf-1a	562.2525	12.46
050YR072HR	smf-1a	562.5025	12.46
050YR072HR	smf-1a	562.7525	12.46
050YR072HR	smf-1a	563.0025	12.46
050YR072HR	smf-1a	563.2525	12.46
050YR072HR	smf-1a	563.5025	12.46
050YR072HR	smf-1a	563.7525	12.46
050YR072HR	smf-1a	564.0025	12.46
050YR072HR	smf-1a	564.2525	12.46
050YR072HR	smf-1a	564.5025	12.46
050YR072HR	smf-1a	564.7525	12.46
050YR072HR	smf-1a	565.0025	12.46
050YR072HR	smf-1a	565.2525	12.46
050YR072HR	smf-1a	565.5025	12.46
050YR072HR	smf-1a	565.7525	12.46
050YR072HR	smf-1a	566.0025	12.46
050YR072HR	smf-1a	566.2525	12.46
050YR072HR	smf-1a	566.5025	12.46
050YR072HR	smf-1a	566.7525	12.46
050YR072HR	smf-1a	567.0025	12.46
050YR072HR	smf-1a	567.2525	12.46
050YR072HR	smf-1a	567.5025	12.46
050YR072HR	smf-1a	567.7525	12.46
050YR072HR	smf-1a	568.0025	12.46
050YR072HR	smf-1a	568.2525	12.45
050YR072HR	smf-1a	568.5025	12.45

50yr-72hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR072HR	smf-1b	417.0025	13.01
050YR072HR	smf-1b	417.2525	13.01
050YR072HR	smf-1b	417.5025	13.01
050YR072HR	smf-1b	417.7525	13.01
050YR072HR	smf-1b	418.0025	13.01
050YR072HR	smf-1b	418.2525	13.01
050YR072HR	smf-1b	418.5025	13.01
050YR072HR	smf-1b	418.7525	13.01
050YR072HR	smf-1b	419.0025	13.01
050YR072HR	smf-1b	419.2525	13.01
050YR072HR	smf-1b	419.5025	13.01
050YR072HR	smf-1b	419.7525	13.01
050YR072HR	smf-1b	420.0025	13.01
050YR072HR	smf-1b	420.2525	13.01
050YR072HR	smf-1b	420.5025	13.01
050YR072HR	smf-1b	420.7525	13.01
050YR072HR	smf-1b	421.0025	13.01
050YR072HR	smf-1b	421.2525	13.01
050YR072HR	smf-1b	421.5025	13.01
050YR072HR	smf-1b	421.7525	13.01
050YR072HR	smf-1b	422.0025	13.01
050YR072HR	smf-1b	422.2525	13.01
050YR072HR	smf-1b	422.5025	13.01
050YR072HR	smf-1b	422.7525	13.01
050YR072HR	smf-1b	423.0025	13.01
050YR072HR	smf-1b	423.2525	13.01
050YR072HR	smf-1b	423.5025	13.01
050YR072HR	smf-1b	423.7525	13.01
050YR072HR	smf-1b	424.0025	13.01
050YR072HR	smf-1b	424.2525	13.01
050YR072HR	smf-1b	424.5025	13.01
050YR072HR	smf-1b	424.7525	13.01
050YR072HR	smf-1b	425.0025	13.01
050YR072HR	smf-1b	425.2525	13.01
050YR072HR	smf-1b	425.5025	13.01
050YR072HR	smf-1b	425.7525	13.01
050YR072HR	smf-1b	426.0025	13.01
050YR072HR	smf-1b	426.2525	13.01
050YR072HR	smf-1b	426.5025	13.00
050YR072HR	smf-1b	426.7525	13.00
050YR072HR	smf-1b	427.0025	13.00
050YR072HR	smf-1b	427.2525	13.00

50yr-72hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR072HR	smf-2a	485.7525	12.11
050YR072HR	smf-2a	486.0025	12.11
050YR072HR	smf-2a	486.2525	12.11
050YR072HR	smf-2a	486.5025	12.11
050YR072HR	smf-2a	486.7525	12.11
050YR072HR	smf-2a	487.0025	12.11
050YR072HR	smf-2a	487.2525	12.11
050YR072HR	smf-2a	487.5025	12.11
050YR072HR	smf-2a	487.7525	12.11
050YR072HR	smf-2a	488.0025	12.11
050YR072HR	smf-2a	488.2525	12.11
050YR072HR	smf-2a	488.5025	12.11
050YR072HR	smf-2a	488.7525	12.11
050YR072HR	smf-2a	489.0025	12.11
050YR072HR	smf-2a	489.2525	12.11
050YR072HR	smf-2a	489.5025	12.11
050YR072HR	smf-2a	489.7525	12.11
050YR072HR	smf-2a	490.0025	12.11
050YR072HR	smf-2a	490.2525	12.11
050YR072HR	smf-2a	490.5025	12.11
050YR072HR	smf-2a	490.7525	12.11
050YR072HR	smf-2a	491.0025	12.11
050YR072HR	smf-2a	491.2525	12.11
050YR072HR	smf-2a	491.5025	12.11
050YR072HR	smf-2a	491.7525	12.11
050YR072HR	smf-2a	492.0025	12.11
050YR072HR	smf-2a	492.2525	12.11
050YR072HR	smf-2a	492.5025	12.11
050YR072HR	smf-2a	492.7525	12.11
050YR072HR	smf-2a	493.0025	12.11
050YR072HR	smf-2a	493.2525	12.11
050YR072HR	smf-2a	493.5025	12.11
050YR072HR	smf-2a	493.7525	12.11
050YR072HR	smf-2a	494.0025	12.11
050YR072HR	smf-2a	494.2525	12.11
050YR072HR	smf-2a	494.5025	12.10
050YR072HR	smf-2a	494.7525	12.10
050YR072HR	smf-2a	495.0025	12.10
050YR072HR	smf-2a	495.2525	12.10
050YR072HR	smf-2a	495.5025	12.10
050YR072HR	smf-2a	495.7525	12.10
050YR072HR	smf-2a	496.0025	12.10



050YR072HR smf-2a 494.5025 12.10

50yr-72hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR072HR	smf-2b	439.0025	11.41
050YR072HR	smf-2b	439.2525	11.41
050YR072HR	smf-2b	439.5025	11.41
050YR072HR	smf-2b	439.7525	11.41
050YR072HR	smf-2b	440.0025	11.41
050YR072HR	smf-2b	440.2525	11.41
050YR072HR	smf-2b	440.5025	11.41
050YR072HR	smf-2b	440.7525	11.41
050YR072HR	smf-2b	441.0025	11.41
050YR072HR	smf-2b	441.2525	11.41
050YR072HR	smf-2b	441.5025	11.41
050YR072HR	smf-2b	441.7525	11.41
050YR072HR	smf-2b	442.0025	11.41
050YR072HR	smf-2b	442.2525	11.41
050YR072HR	smf-2b	442.5025	11.41
050YR072HR	smf-2b	442.7525	11.41
050YR072HR	smf-2b	443.0025	11.41
050YR072HR	smf-2b	443.2525	11.41
050YR072HR	smf-2b	443.5025	11.41
050YR072HR	smf-2b	443.7525	11.41
050YR072HR	smf-2b	444.0025	11.41
050YR072HR	smf-2b	444.2525	11.41
050YR072HR	smf-2b	444.5025	11.41
050YR072HR	smf-2b	444.7525	11.41
050YR072HR	smf-2b	445.0025	11.40
050YR072HR	smf-2b	445.2525	11.40
050YR072HR	smf-2b	445.5025	11.40
050YR072HR	smf-2b	445.7525	11.40
050YR072HR	smf-2b	446.0025	11.40
050YR072HR	smf-2b	446.2525	11.40
050YR072HR	smf-2b	446.5025	11.40
050YR072HR	smf-2b	446.7525	11.40
050YR072HR	smf-2b	447.0025	11.40
050YR072HR	smf-2b	447.2525	11.40
050YR072HR	smf-2b	447.5025	11.40
050YR072HR	smf-2b	447.7525	11.40
050YR072HR	smf-2b	448.0025	11.40
050YR072HR	smf-2b	448.2525	11.40
050YR072HR	smf-2b	448.5025	11.40
050YR072HR	smf-2b	448.7525	11.40
050YR072HR	smf-2b	449.0025	11.40
050YR072HR	smf-2b	449.2525	11.40

50yr-72hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR072HR	smf-2c	507.7525	11.86
050YR072HR	smf-2c	508.0025	11.86
050YR072HR	smf-2c	508.2525	11.86
050YR072HR	smf-2c	508.5025	11.86
050YR072HR	smf-2c	508.7525	11.86
050YR072HR	smf-2c	509.0025	11.86
050YR072HR	smf-2c	509.2525	11.86
050YR072HR	smf-2c	509.5025	11.86
050YR072HR	smf-2c	509.7525	11.86
050YR072HR	smf-2c	510.0025	11.86
050YR072HR	smf-2c	510.2525	11.86
050YR072HR	smf-2c	510.5025	11.86
050YR072HR	smf-2c	510.7525	11.86
050YR072HR	smf-2c	511.0025	11.86
050YR072HR	smf-2c	511.2525	11.86
050YR072HR	smf-2c	511.5025	11.86
050YR072HR	smf-2c	511.7525	11.86
050YR072HR	smf-2c	512.0025	11.86
050YR072HR	smf-2c	512.2525	11.85
050YR072HR	smf-2c	512.5025	11.85
050YR072HR	smf-2c	512.7525	11.85
050YR072HR	smf-2c	513.0025	11.85
050YR072HR	smf-2c	513.2525	11.85
050YR072HR	smf-2c	513.5025	11.85
050YR072HR	smf-2c	513.7525	11.85
050YR072HR	smf-2c	514.0025	11.85
050YR072HR	smf-2c	514.2525	11.85
050YR072HR	smf-2c	514.5025	11.85
050YR072HR	smf-2c	514.7525	11.85
050YR072HR	smf-2c	515.0025	11.85
050YR072HR	smf-2c	515.2525	11.85
050YR072HR	smf-2c	515.5025	11.85
050YR072HR	smf-2c	515.7525	11.85
050YR072HR	smf-2c	516.0025	11.85
050YR072HR	smf-2c	516.2525	11.85
050YR072HR	smf-2c	516.5025	11.85
050YR072HR	smf-2c	516.7525	11.85
050YR072HR	smf-2c	517.0025	11.85
050YR072HR	smf-2c	517.2525	11.85
050YR072HR	smf-2c	517.5025	11.85
050YR072HR	smf-2c	517.7525	11.85
050YR072HR	smf-2c	518.0025	11.85

50yr-72hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR072HR	smf-3a	534.5025	11.91
050YR072HR	smf-3a	534.7525	11.91
050YR072HR	smf-3a	535.0025	11.91
050YR072HR	smf-3a	535.2525	11.91
050YR072HR	smf-3a	535.5025	11.91
050YR072HR	smf-3a	535.7525	11.91
050YR072HR	smf-3a	536.0025	11.91
050YR072HR	smf-3a	536.2525	11.91
050YR072HR	smf-3a	536.5025	11.91
050YR072HR	smf-3a	536.7525	11.91
050YR072HR	smf-3a	537.0025	11.91
050YR072HR	smf-3a	537.2525	11.91
050YR072HR	smf-3a	537.5025	11.91
050YR072HR	smf-3a	537.7525	11.91
050YR072HR	smf-3a	538.0025	11.91
050YR072HR	smf-3a	538.2525	11.91
050YR072HR	smf-3a	538.5025	11.91
050YR072HR	smf-3a	538.7525	11.91
050YR072HR	smf-3a	539.0025	11.91
050YR072HR	smf-3a	539.2525	11.91
050YR072HR	smf-3a	539.5025	11.91
050YR072HR	smf-3a	539.7525	11.91
050YR072HR	smf-3a	540.0025	11.91
050YR072HR	smf-3a	540.2525	11.91
050YR072HR	smf-3a	540.5025	11.90
050YR072HR	smf-3a	540.7525	11.90
050YR072HR	smf-3a	541.0025	11.90
050YR072HR	smf-3a	541.2525	11.90
050YR072HR	smf-3a	541.5025	11.90
050YR072HR	smf-3a	541.7525	11.90
050YR072HR	smf-3a	542.0025	11.90
050YR072HR	smf-3a	542.2525	11.90
050YR072HR	smf-3a	542.5025	11.90
050YR072HR	smf-3a	542.7525	11.90
050YR072HR	smf-3a	543.0025	11.90
050YR072HR	smf-3a	543.2525	11.90
050YR072HR	smf-3a	543.5025	11.90
050YR072HR	smf-3a	543.7525	11.90
050YR072HR	smf-3a	544.0025	11.90
050YR072HR	smf-3a	544.2525	11.90
050YR072HR	smf-3a	544.5025	11.90
050YR072HR	smf-3a	544.7525	11.90

50yr-72hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
050YR072HR	smf-3b	624.2525	11.26
050YR072HR	smf-3b	624.5025	11.26
050YR072HR	smf-3b	624.7525	11.26
050YR072HR	smf-3b	625.0025	11.26
050YR072HR	smf-3b	625.2525	11.26
050YR072HR	smf-3b	625.5025	11.26
050YR072HR	smf-3b	625.7525	11.25
050YR072HR	smf-3b	626.0025	11.25
050YR072HR	smf-3b	626.2525	11.25
050YR072HR	smf-3b	626.5025	11.25
050YR072HR	smf-3b	626.7525	11.25
050YR072HR	smf-3b	627.0025	11.25
050YR072HR	smf-3b	627.2525	11.25
050YR072HR	smf-3b	627.5025	11.25
050YR072HR	smf-3b	627.7525	11.25
050YR072HR	smf-3b	628.0025	11.25
050YR072HR	smf-3b	628.2525	11.25
050YR072HR	smf-3b	628.5025	11.25
050YR072HR	smf-3b	628.7525	11.25
050YR072HR	smf-3b	629.0025	11.25
050YR072HR	smf-3b	629.2525	11.25
050YR072HR	smf-3b	629.5025	11.25
050YR072HR	smf-3b	629.7525	11.25
050YR072HR	smf-3b	630.0025	11.25
050YR072HR	smf-3b	630.2525	11.25
050YR072HR	smf-3b	630.5025	11.25
050YR072HR	smf-3b	630.7525	11.25
050YR072HR	smf-3b	631.0025	11.25
050YR072HR	smf-3b	631.2525	11.25
050YR072HR	smf-3b	631.5025	11.25
050YR072HR	smf-3b	631.7525	11.25
050YR072HR	smf-3b	632.0025	11.25
050YR072HR	smf-3b	632.2525	11.25
050YR072HR	smf-3b	632.5025	11.25
050YR072HR	smf-3b	632.7525	11.25
050YR072HR	smf-3b	633.0025	11.25
050YR072HR	smf-3b	633.2525	11.25
050YR072HR	smf-3b	633.5025	11.25
050YR072HR	smf-3b	633.7525	11.25
050YR072HR	smf-3b	634.0025	11.25
050YR072HR	smf-3b	634.2525	11.25
050YR072HR	smf-3b	634.5025	11.25

50yr-72hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR001HR	smf-1a	115.5019	12.48
100YR001HR	smf-1a	115.7519	12.48
100YR001HR	smf-1a	116.0019	12.48
100YR001HR	smf-1a	116.2519	12.48
100YR001HR	smf-1a	116.5019	12.48
100YR001HR	smf-1a	116.7519	12.48
100YR001HR	smf-1a	117.0019	12.48
100YR001HR	smf-1a	117.2519	12.48
100YR001HR	smf-1a	117.5019	12.48
100YR001HR	smf-1a	117.7519	12.48
100YR001HR	smf-1a	118.0019	12.48
100YR001HR	smf-1a	118.2519	12.48
100YR001HR	smf-1a	118.5019	12.48
100YR001HR	smf-1a	118.7519	12.47
100YR001HR	smf-1a	119.0019	12.47
100YR001HR	smf-1a	119.2519	12.47
100YR001HR	smf-1a	119.5019	12.47
100YR001HR	smf-1a	119.7519	12.47
100YR001HR	smf-1a	120.0019	12.47
100YR001HR	smf-1a	120.2519	12.47
100YR001HR	smf-1a	120.5019	12.47
100YR001HR	smf-1a	120.7519	12.47
100YR001HR	smf-1a	121.0019	12.47
100YR001HR	smf-1a	121.2519	12.47
100YR001HR	smf-1a	121.5019	12.47
100YR001HR	smf-1a	121.7519	12.47
100YR001HR	smf-1a	122.0019	12.47
100YR001HR	smf-1a	122.2519	12.46
100YR001HR	smf-1a	122.5019	12.46
100YR001HR	smf-1a	122.7519	12.46
100YR001HR	smf-1a	123.0019	12.46
100YR001HR	smf-1a	123.2519	12.46
100YR001HR	smf-1a	123.5019	12.46
100YR001HR	smf-1a	123.7519	12.46
100YR001HR	smf-1a	124.0019	12.46
100YR001HR	smf-1a	124.2519	12.46
100YR001HR	smf-1a	124.5019	12.46
100YR001HR	smf-1a	124.7519	12.46
100YR001HR	smf-1a	125.0019	12.46
100YR001HR	smf-1a	125.2519	12.46
100YR001HR	smf-1a	125.5019	12.46
100YR001HR	smf-1a	125.7519	12.45

100yr-1hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR001HR	smf-1b	45.2519	13.07
100YR001HR	smf-1b	45.5019	13.07
100YR001HR	smf-1b	45.7519	13.07
100YR001HR	smf-1b	46.0019	13.07
100YR001HR	smf-1b	46.2519	13.06
100YR001HR	smf-1b	46.5019	13.06
100YR001HR	smf-1b	46.7519	13.06
100YR001HR	smf-1b	47.0019	13.06
100YR001HR	smf-1b	47.2519	13.06
100YR001HR	smf-1b	47.5019	13.05
100YR001HR	smf-1b	47.7519	13.05
100YR001HR	smf-1b	48.0019	13.05
100YR001HR	smf-1b	48.2519	13.05
100YR001HR	smf-1b	48.5019	13.04
100YR001HR	smf-1b	48.7519	13.04
100YR001HR	smf-1b	49.0019	13.04
100YR001HR	smf-1b	49.2519	13.04
100YR001HR	smf-1b	49.5019	13.04
100YR001HR	smf-1b	49.7519	13.04
100YR001HR	smf-1b	50.0019	13.03
100YR001HR	smf-1b	50.2519	13.03
100YR001HR	smf-1b	50.5019	13.03
100YR001HR	smf-1b	50.7519	13.03
100YR001HR	smf-1b	51.0019	13.03
100YR001HR	smf-1b	51.2519	13.02
100YR001HR	smf-1b	51.5019	13.02
100YR001HR	smf-1b	51.7519	13.02
100YR001HR	smf-1b	52.0019	13.02
100YR001HR	smf-1b	52.2519	13.02
100YR001HR	smf-1b	52.5019	13.01
100YR001HR	smf-1b	52.7519	13.01
100YR001HR	smf-1b	53.0019	13.01
100YR001HR	smf-1b	53.2519	13.01
100YR001HR	smf-1b	53.5019	13.01
100YR001HR	smf-1b	53.7519	13.01
100YR001HR	smf-1b	54.0019	13.00
100YR001HR	smf-1b	54.2519	13.00
100YR001HR	smf-1b	54.5019	13.00
100YR001HR	smf-1b	54.7519	13.00
100YR001HR	smf-1b	55.0019	13.00
100YR001HR	smf-1b	55.2519	13.00
100YR001HR	smf-1b	55.5019	13.00

100yr-1hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR001HR	smf-2a	122.0019	12.12
100YR001HR	smf-2a	122.2519	12.12
100YR001HR	smf-2a	122.5019	12.12
100YR001HR	smf-2a	122.7519	12.12
100YR001HR	smf-2a	123.0019	12.12
100YR001HR	smf-2a	123.2519	12.12
100YR001HR	smf-2a	123.5019	12.12
100YR001HR	smf-2a	123.7519	12.12
100YR001HR	smf-2a	124.0019	12.12
100YR001HR	smf-2a	124.2519	12.11
100YR001HR	smf-2a	124.5019	12.11
100YR001HR	smf-2a	124.7519	12.11
100YR001HR	smf-2a	125.0019	12.11
100YR001HR	smf-2a	125.2519	12.11
100YR001HR	smf-2a	125.5019	12.11
100YR001HR	smf-2a	125.7519	12.11
100YR001HR	smf-2a	126.0019	12.11
100YR001HR	smf-2a	126.2519	12.11
100YR001HR	smf-2a	126.5019	12.11
100YR001HR	smf-2a	126.7519	12.11
100YR001HR	smf-2a	127.0019	12.11
100YR001HR	smf-2a	127.2519	12.11
100YR001HR	smf-2a	127.5019	12.11
100YR001HR	smf-2a	127.7519	12.11
100YR001HR	smf-2a	128.0019	12.11
100YR001HR	smf-2a	128.2519	12.10
100YR001HR	smf-2a	128.5019	12.10
100YR001HR	smf-2a	128.7519	12.10
100YR001HR	smf-2a	129.0019	12.10
100YR001HR	smf-2a	129.2519	12.10
100YR001HR	smf-2a	129.5019	12.10
100YR001HR	smf-2a	129.7519	12.10
100YR001HR	smf-2a	130.0019	12.10
100YR001HR	smf-2a	130.2519	12.10
100YR001HR	smf-2a	130.5019	12.10
100YR001HR	smf-2a	130.7519	12.10
100YR001HR	smf-2a	131.0019	12.10
100YR001HR	smf-2a	131.2519	12.10
100YR001HR	smf-2a	131.5019	12.10
100YR001HR	smf-2a	131.7519	12.10
100YR001HR	smf-2a	132.0019	12.10
100YR001HR	smf-2a	132.2519	12.10



100yr-1hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR001HR	smf-2b	83.2519	11.43
100YR001HR	smf-2b	83.5019	11.42
100YR001HR	smf-2b	83.7519	11.42
100YR001HR	smf-2b	84.0019	11.42
100YR001HR	smf-2b	84.2519	11.42
100YR001HR	smf-2b	84.5019	11.42
100YR001HR	smf-2b	84.7519	11.42
100YR001HR	smf-2b	85.0019	11.42
100YR001HR	smf-2b	85.2519	11.42
100YR001HR	smf-2b	85.5019	11.42
100YR001HR	smf-2b	85.7519	11.41
100YR001HR	smf-2b	86.0019	11.41
100YR001HR	smf-2b	86.2519	11.41
100YR001HR	smf-2b	86.5019	11.41
100YR001HR	smf-2b	86.7519	11.41
100YR001HR	smf-2b	87.0019	11.41
100YR001HR	smf-2b	87.2519	11.41
100YR001HR	smf-2b	87.5019	11.41
100YR001HR	smf-2b	87.7519	11.41
100YR001HR	smf-2b	88.0019	11.40
100YR001HR	smf-2b	88.2519	11.40
100YR001HR	smf-2b	88.5019	11.40
100YR001HR	smf-2b	88.7519	11.40
100YR001HR	smf-2b	89.0019	11.40
100YR001HR	smf-2b	89.2519	11.40
100YR001HR	smf-2b	89.5019	11.40
100YR001HR	smf-2b	89.7519	11.40
100YR001HR	smf-2b	90.0019	11.40
100YR001HR	smf-2b	90.2519	11.40
100YR001HR	smf-2b	90.5019	11.40
100YR001HR	smf-2b	90.7519	11.40
100YR001HR	smf-2b	91.0019	11.40
100YR001HR	smf-2b	91.2519	11.40
100YR001HR	smf-2b	91.5019	11.40
100YR001HR	smf-2b	91.7519	11.40
100YR001HR	smf-2b	92.0019	11.40
100YR001HR	smf-2b	92.2519	11.40
100YR001HR	smf-2b	92.5019	11.40
100YR001HR	smf-2b	92.7519	11.40
100YR001HR	smf-2b	93.0019	11.40
100YR001HR	smf-2b	93.2519	11.40
100YR001HR	smf-2b	93.5019	11.40

100yr-1hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR001HR	smf-2c	118.0019	11.86
100YR001HR	smf-2c	118.2519	11.86
100YR001HR	smf-2c	118.5019	11.86
100YR001HR	smf-2c	118.7519	11.86
100YR001HR	smf-2c	119.0019	11.85
100YR001HR	smf-2c	119.2519	11.85
100YR001HR	smf-2c	119.5019	11.85
100YR001HR	smf-2c	119.7519	11.85
100YR001HR	smf-2c	120.0019	11.85
100YR001HR	smf-2c	120.2519	11.85
100YR001HR	smf-2c	120.5019	11.85
100YR001HR	smf-2c	120.7519	11.85
100YR001HR	smf-2c	121.0019	11.85
100YR001HR	smf-2c	121.2519	11.85
100YR001HR	smf-2c	121.5019	11.85
100YR001HR	smf-2c	121.7519	11.85
100YR001HR	smf-2c	122.0019	11.85
100YR001HR	smf-2c	122.2519	11.85
100YR001HR	smf-2c	122.5019	11.85
100YR001HR	smf-2c	122.7519	11.85
100YR001HR	smf-2c	123.0019	11.85
100YR001HR	smf-2c	123.2519	11.85
100YR001HR	smf-2c	123.5019	11.85
100YR001HR	smf-2c	123.7519	11.85
100YR001HR	smf-2c	124.0019	11.85
100YR001HR	smf-2c	124.2519	11.85
100YR001HR	smf-2c	124.5019	11.85
100YR001HR	smf-2c	124.7519	11.85
100YR001HR	smf-2c	125.0019	11.85
100YR001HR	smf-2c	125.2519	11.85
100YR001HR	smf-2c	125.5019	11.85
100YR001HR	smf-2c	125.7519	11.85
100YR001HR	smf-2c	126.0019	11.85
100YR001HR	smf-2c	126.2519	11.85
100YR001HR	smf-2c	126.5019	11.85
100YR001HR	smf-2c	126.7519	11.85
100YR001HR	smf-2c	127.0019	11.85
100YR001HR	smf-2c	127.2519	11.85
100YR001HR	smf-2c	127.5019	11.85
100YR001HR	smf-2c	127.7519	11.85
100YR001HR	smf-2c	128.0019	11.85
100YR001HR	smf-2c	128.2519	11.85

100yr-1hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR001HR	smf-3a	89.7519	11.91
100YR001HR	smf-3a	90.0019	11.91
100YR001HR	smf-3a	90.2519	11.91
100YR001HR	smf-3a	90.5019	11.91
100YR001HR	smf-3a	90.7519	11.91
100YR001HR	smf-3a	91.0019	11.91
100YR001HR	smf-3a	91.2519	11.90
100YR001HR	smf-3a	91.5019	11.90
100YR001HR	smf-3a	91.7519	11.90
100YR001HR	smf-3a	92.0019	11.90
100YR001HR	smf-3a	92.2519	11.90
100YR001HR	smf-3a	92.5019	11.90
100YR001HR	smf-3a	92.7519	11.90
100YR001HR	smf-3a	93.0019	11.90
100YR001HR	smf-3a	93.2519	11.90
100YR001HR	smf-3a	93.5019	11.90
100YR001HR	smf-3a	93.7519	11.90
100YR001HR	smf-3a	94.0019	11.90
100YR001HR	smf-3a	94.2519	11.90
100YR001HR	smf-3a	94.5019	11.90
100YR001HR	smf-3a	94.7519	11.90
100YR001HR	smf-3a	95.0019	11.90
100YR001HR	smf-3a	95.2519	11.90
100YR001HR	smf-3a	95.5019	11.90
100YR001HR	smf-3a	95.7519	11.90
100YR001HR	smf-3a	96.0019	11.90
100YR001HR	smf-3a	96.2519	11.90
100YR001HR	smf-3a	96.5019	11.90
100YR001HR	smf-3a	96.7519	11.90
100YR001HR	smf-3a	97.0019	11.90
100YR001HR	smf-3a	97.2519	11.90
100YR001HR	smf-3a	97.5019	11.90
100YR001HR	smf-3a	97.7519	11.90
100YR001HR	smf-3a	98.0019	11.90
100YR001HR	smf-3a	98.2519	11.90
100YR001HR	smf-3a	98.5019	11.90
100YR001HR	smf-3a	98.7519	11.90
100YR001HR	smf-3a	99.0019	11.90
100YR001HR	smf-3a	99.2519	11.90
100YR001HR	smf-3a	99.5019	11.90
100YR001HR	smf-3a	99.7519	11.90
100YR001HR	smf-3a	100.0019	11.90



100YR001HR	smf-3a	91.2519	11.90
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100yr-1hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR001HR	smf-3b	124.5019	11.26
100YR001HR	smf-3b	124.7519	11.26
100YR001HR	smf-3b	125.0019	11.26
100YR001HR	smf-3b	125.2519	11.26
100YR001HR	smf-3b	125.5019	11.25
100YR001HR	smf-3b	125.7519	11.25
100YR001HR	smf-3b	126.0019	11.25
100YR001HR	smf-3b	126.2519	11.25
100YR001HR	smf-3b	126.5019	11.25
100YR001HR	smf-3b	126.7519	11.25
100YR001HR	smf-3b	127.0019	11.25
100YR001HR	smf-3b	127.2519	11.25
100YR001HR	smf-3b	127.5019	11.25
100YR001HR	smf-3b	127.7519	11.25
100YR001HR	smf-3b	128.0019	11.25
100YR001HR	smf-3b	128.2519	11.25
100YR001HR	smf-3b	128.5019	11.25
100YR001HR	smf-3b	128.7519	11.25
100YR001HR	smf-3b	129.0019	11.25
100YR001HR	smf-3b	129.2519	11.25
100YR001HR	smf-3b	129.5019	11.25
100YR001HR	smf-3b	129.7519	11.25
100YR001HR	smf-3b	130.0019	11.25
100YR001HR	smf-3b	130.2519	11.25
100YR001HR	smf-3b	130.5019	11.25
100YR001HR	smf-3b	130.7519	11.25
100YR001HR	smf-3b	131.0019	11.25
100YR001HR	smf-3b	131.2519	11.25
100YR001HR	smf-3b	131.5019	11.25
100YR001HR	smf-3b	131.7519	11.25
100YR001HR	smf-3b	132.0019	11.25
100YR001HR	smf-3b	132.2519	11.25
100YR001HR	smf-3b	132.5019	11.25
100YR001HR	smf-3b	132.7519	11.25
100YR001HR	smf-3b	133.0019	11.25
100YR001HR	smf-3b	133.2519	11.25
100YR001HR	smf-3b	133.5019	11.25
100YR001HR	smf-3b	133.7519	11.25
100YR001HR	smf-3b	134.0019	11.25
100YR001HR	smf-3b	134.2519	11.25
100YR001HR	smf-3b	134.5019	11.25
100YR001HR	smf-3b	134.7519	11.25

100yr-1hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR002HR	smf-1a	159.2553	12.46
100YR002HR	smf-1a	159.5053	12.46
100YR002HR	smf-1a	159.7553	12.46
100YR002HR	smf-1a	160.0053	12.46
100YR002HR	smf-1a	160.2553	12.46
100YR002HR	smf-1a	160.5053	12.46
100YR002HR	smf-1a	160.7553	12.46
100YR002HR	smf-1a	161.0053	12.46
100YR002HR	smf-1a	161.2553	12.46
100YR002HR	smf-1a	161.5053	12.46
100YR002HR	smf-1a	161.7553	12.46
100YR002HR	smf-1a	162.0053	12.46
100YR002HR	smf-1a	162.2553	12.45
100YR002HR	smf-1a	162.5053	12.45
100YR002HR	smf-1a	162.7553	12.45
100YR002HR	smf-1a	163.0053	12.45
100YR002HR	smf-1a	163.2553	12.45
100YR002HR	smf-1a	163.5053	12.45
100YR002HR	smf-1a	163.7553	12.45
100YR002HR	smf-1a	164.0053	12.45
100YR002HR	smf-1a	164.2553	12.45
100YR002HR	smf-1a	164.5053	12.45
100YR002HR	smf-1a	164.7553	12.45
100YR002HR	smf-1a	165.0053	12.45
100YR002HR	smf-1a	165.2553	12.45
100YR002HR	smf-1a	165.5053	12.45
100YR002HR	smf-1a	165.7553	12.45
100YR002HR	smf-1a	166.0053	12.45
100YR002HR	smf-1a	166.2553	12.45
100YR002HR	smf-1a	166.5053	12.45
100YR002HR	smf-1a	166.7553	12.45
100YR002HR	smf-1a	167.0053	12.45
100YR002HR	smf-1a	167.2553	12.45
100YR002HR	smf-1a	167.5053	12.45
100YR002HR	smf-1a	167.7553	12.45
100YR002HR	smf-1a	168.0053	12.45
100YR002HR	smf-1a	168.2553	12.45
100YR002HR	smf-1a	168.5053	12.45
100YR002HR	smf-1a	168.7553	12.45
100YR002HR	smf-1a	169.0053	12.45
100YR002HR	smf-1a	169.2553	12.45
100YR002HR	smf-1a	169.5053	12.45

100yr-2hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR002HR	smf-1b	67.0053	13.02
100YR002HR	smf-1b	67.2553	13.02
100YR002HR	smf-1b	67.5053	13.02
100YR002HR	smf-1b	67.7553	13.01
100YR002HR	smf-1b	68.0053	13.01
100YR002HR	smf-1b	68.2553	13.01
100YR002HR	smf-1b	68.5053	13.01
100YR002HR	smf-1b	68.7553	13.01
100YR002HR	smf-1b	69.0053	13.01
100YR002HR	smf-1b	69.2553	13.01
100YR002HR	smf-1b	69.5053	13.00
100YR002HR	smf-1b	69.7553	13.00
100YR002HR	smf-1b	70.0053	13.00
100YR002HR	smf-1b	70.2553	13.00
100YR002HR	smf-1b	70.5053	13.00
100YR002HR	smf-1b	70.7553	13.00
100YR002HR	smf-1b	71.0053	13.00
100YR002HR	smf-1b	71.2553	13.00
100YR002HR	smf-1b	71.5053	13.00
100YR002HR	smf-1b	71.7553	13.00
100YR002HR	smf-1b	72.0053	13.00
100YR002HR	smf-1b	72.2553	13.00
100YR002HR	smf-1b	72.5053	13.00
100YR002HR	smf-1b	72.7553	13.00
100YR002HR	smf-1b	73.0053	13.00
100YR002HR	smf-1b	73.2553	13.00
100YR002HR	smf-1b	73.5053	13.00
100YR002HR	smf-1b	73.7553	13.00
100YR002HR	smf-1b	74.0053	13.00
100YR002HR	smf-1b	74.2553	13.00
100YR002HR	smf-1b	74.5053	13.00
100YR002HR	smf-1b	74.7553	13.00
100YR002HR	smf-1b	75.0053	13.00
100YR002HR	smf-1b	75.2553	13.00
100YR002HR	smf-1b	75.5053	13.00
100YR002HR	smf-1b	75.7553	13.00
100YR002HR	smf-1b	76.0053	13.00
100YR002HR	smf-1b	76.2553	13.00
100YR002HR	smf-1b	76.5053	13.00
100YR002HR	smf-1b	76.7553	13.00
100YR002HR	smf-1b	77.0053	13.00
100YR002HR	smf-1b	77.2553	13.00



100YR002HR	smf-1b	69.5053	13.00
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100yr-2hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR002HR	smf-2a	142.7553	12.11
100YR002HR	smf-2a	143.0053	12.11
100YR002HR	smf-2a	143.2553	12.11
100YR002HR	smf-2a	143.5053	12.11
100YR002HR	smf-2a	143.7553	12.11
100YR002HR	smf-2a	144.0053	12.10
100YR002HR	smf-2a	144.2553	12.10
100YR002HR	smf-2a	144.5053	12.10
100YR002HR	smf-2a	144.7553	12.10
100YR002HR	smf-2a	145.0053	12.10
100YR002HR	smf-2a	145.2553	12.10
100YR002HR	smf-2a	145.5053	12.10
100YR002HR	smf-2a	145.7553	12.10
100YR002HR	smf-2a	146.0053	12.10
100YR002HR	smf-2a	146.2553	12.10
100YR002HR	smf-2a	146.5053	12.10
100YR002HR	smf-2a	146.7553	12.10
100YR002HR	smf-2a	147.0053	12.10
100YR002HR	smf-2a	147.2553	12.10
100YR002HR	smf-2a	147.5053	12.10
100YR002HR	smf-2a	147.7553	12.10
100YR002HR	smf-2a	148.0053	12.10
100YR002HR	smf-2a	148.2553	12.10
100YR002HR	smf-2a	148.5053	12.10
100YR002HR	smf-2a	148.7553	12.10
100YR002HR	smf-2a	149.0053	12.10
100YR002HR	smf-2a	149.2553	12.10
100YR002HR	smf-2a	149.5053	12.10
100YR002HR	smf-2a	149.7553	12.10
100YR002HR	smf-2a	150.0053	12.10
100YR002HR	smf-2a	150.2553	12.10
100YR002HR	smf-2a	150.5053	12.10
100YR002HR	smf-2a	150.7553	12.10
100YR002HR	smf-2a	151.0053	12.10
100YR002HR	smf-2a	151.2553	12.10
100YR002HR	smf-2a	151.5053	12.10
100YR002HR	smf-2a	151.7553	12.10
100YR002HR	smf-2a	152.0053	12.10
100YR002HR	smf-2a	152.2553	12.10
100YR002HR	smf-2a	152.5053	12.10
100YR002HR	smf-2a	152.7553	12.10
100YR002HR	smf-2a	153.0053	12.10

100yr-2hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR002HR	smf-2b	103.0053	11.42
100YR002HR	smf-2b	103.2553	11.42
100YR002HR	smf-2b	103.5053	11.42
100YR002HR	smf-2b	103.7553	11.42
100YR002HR	smf-2b	104.0053	11.41
100YR002HR	smf-2b	104.2553	11.41
100YR002HR	smf-2b	104.5053	11.41
100YR002HR	smf-2b	104.7553	11.41
100YR002HR	smf-2b	105.0053	11.41
100YR002HR	smf-2b	105.2553	11.41
100YR002HR	smf-2b	105.5053	11.41
100YR002HR	smf-2b	105.7553	11.41
100YR002HR	smf-2b	106.0053	11.41
100YR002HR	smf-2b	106.2553	11.41
100YR002HR	smf-2b	106.5053	11.40
100YR002HR	smf-2b	106.7553	11.40
100YR002HR	smf-2b	107.0053	11.40
100YR002HR	smf-2b	107.2553	11.40
100YR002HR	smf-2b	107.5053	11.40
100YR002HR	smf-2b	107.7553	11.40
100YR002HR	smf-2b	108.0053	11.40
100YR002HR	smf-2b	108.2553	11.40
100YR002HR	smf-2b	108.5053	11.40
100YR002HR	smf-2b	108.7553	11.40
100YR002HR	smf-2b	109.0053	11.40
100YR002HR	smf-2b	109.2553	11.40
100YR002HR	smf-2b	109.5053	11.40
100YR002HR	smf-2b	109.7553	11.40
100YR002HR	smf-2b	110.0053	11.40
100YR002HR	smf-2b	110.2553	11.40
100YR002HR	smf-2b	110.5053	11.40
100YR002HR	smf-2b	110.7553	11.40
100YR002HR	smf-2b	111.0053	11.40
100YR002HR	smf-2b	111.2553	11.40
100YR002HR	smf-2b	111.5053	11.40
100YR002HR	smf-2b	111.7553	11.40
100YR002HR	smf-2b	112.0053	11.40
100YR002HR	smf-2b	112.2553	11.40
100YR002HR	smf-2b	112.5053	11.40
100YR002HR	smf-2b	112.7553	11.40
100YR002HR	smf-2b	113.0053	11.40
100YR002HR	smf-2b	113.2553	11.40

100yr-2hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR002HR	smf-2c	126.2553	11.88
100YR002HR	smf-2c	126.5053	11.88
100YR002HR	smf-2c	126.7553	11.88
100YR002HR	smf-2c	127.0053	11.88
100YR002HR	smf-2c	127.2553	11.88
100YR002HR	smf-2c	127.5053	11.88
100YR002HR	smf-2c	127.7553	11.88
100YR002HR	smf-2c	128.0053	11.88
100YR002HR	smf-2c	128.2553	11.88
100YR002HR	smf-2c	128.5053	11.88
100YR002HR	smf-2c	128.7553	11.88
100YR002HR	smf-2c	129.0053	11.88
100YR002HR	smf-2c	129.2553	11.88
100YR002HR	smf-2c	129.5053	11.87
100YR002HR	smf-2c	129.7553	11.87
100YR002HR	smf-2c	130.0053	11.87
100YR002HR	smf-2c	130.2553	11.87
100YR002HR	smf-2c	130.5053	11.87
100YR002HR	smf-2c	130.7553	11.87
100YR002HR	smf-2c	131.0053	11.87
100YR002HR	smf-2c	131.2553	11.87
100YR002HR	smf-2c	131.5053	11.87
100YR002HR	smf-2c	131.7553	11.87
100YR002HR	smf-2c	132.0053	11.87
100YR002HR	smf-2c	132.2553	11.87
100YR002HR	smf-2c	132.5053	11.87
100YR002HR	smf-2c	132.7553	11.86
100YR002HR	smf-2c	133.0053	11.86
100YR002HR	smf-2c	133.2553	11.86
100YR002HR	smf-2c	133.5053	11.86
100YR002HR	smf-2c	133.7553	11.86
100YR002HR	smf-2c	134.0053	11.86
100YR002HR	smf-2c	134.2553	11.86
100YR002HR	smf-2c	134.5053	11.86
100YR002HR	smf-2c	134.7553	11.86
100YR002HR	smf-2c	135.0053	11.86
100YR002HR	smf-2c	135.2553	11.86
100YR002HR	smf-2c	135.5053	11.86
100YR002HR	smf-2c	135.7553	11.86
100YR002HR	smf-2c	136.0053	11.86
100YR002HR	smf-2c	136.2553	11.85
100YR002HR	smf-2c	136.5053	11.85

100yr-2hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR002HR	smf-3a	107.5053	11.92
100YR002HR	smf-3a	107.7553	11.92
100YR002HR	smf-3a	108.0053	11.92
100YR002HR	smf-3a	108.2553	11.92
100YR002HR	smf-3a	108.5053	11.91
100YR002HR	smf-3a	108.7553	11.91
100YR002HR	smf-3a	109.0053	11.91
100YR002HR	smf-3a	109.2553	11.91
100YR002HR	smf-3a	109.5053	11.91
100YR002HR	smf-3a	109.7553	11.91
100YR002HR	smf-3a	110.0053	11.91
100YR002HR	smf-3a	110.2553	11.91
100YR002HR	smf-3a	110.5053	11.91
100YR002HR	smf-3a	110.7553	11.91
100YR002HR	smf-3a	111.0053	11.91
100YR002HR	smf-3a	111.2553	11.90
100YR002HR	smf-3a	111.5053	11.90
100YR002HR	smf-3a	111.7553	11.90
100YR002HR	smf-3a	112.0053	11.90
100YR002HR	smf-3a	112.2553	11.90
100YR002HR	smf-3a	112.5053	11.90
100YR002HR	smf-3a	112.7553	11.90
100YR002HR	smf-3a	113.0053	11.90
100YR002HR	smf-3a	113.2553	11.90
100YR002HR	smf-3a	113.5053	11.90
100YR002HR	smf-3a	113.7553	11.90
100YR002HR	smf-3a	114.0053	11.90
100YR002HR	smf-3a	114.2553	11.90
100YR002HR	smf-3a	114.5053	11.90
100YR002HR	smf-3a	114.7553	11.90
100YR002HR	smf-3a	115.0053	11.90
100YR002HR	smf-3a	115.2553	11.90
100YR002HR	smf-3a	115.5053	11.90
100YR002HR	smf-3a	115.7553	11.90
100YR002HR	smf-3a	116.0053	11.90
100YR002HR	smf-3a	116.2553	11.90
100YR002HR	smf-3a	116.5053	11.90
100YR002HR	smf-3a	116.7553	11.90
100YR002HR	smf-3a	117.0053	11.90
100YR002HR	smf-3a	117.2553	11.90
100YR002HR	smf-3a	117.5053	11.90
100YR002HR	smf-3a	117.7553	11.90

100yr-2hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR002HR	smf-3b	141.2553	11.27
100YR002HR	smf-3b	141.5053	11.27
100YR002HR	smf-3b	141.7553	11.27
100YR002HR	smf-3b	142.0053	11.27
100YR002HR	smf-3b	142.2553	11.27
100YR002HR	smf-3b	142.5053	11.27
100YR002HR	smf-3b	142.7553	11.27
100YR002HR	smf-3b	143.0053	11.27
100YR002HR	smf-3b	143.2553	11.27
100YR002HR	smf-3b	143.5053	11.27
100YR002HR	smf-3b	143.7553	11.27
100YR002HR	smf-3b	144.0053	11.27
100YR002HR	smf-3b	144.2553	11.27
100YR002HR	smf-3b	144.5053	11.26
100YR002HR	smf-3b	144.7553	11.26
100YR002HR	smf-3b	145.0053	11.26
100YR002HR	smf-3b	145.2553	11.26
100YR002HR	smf-3b	145.5053	11.26
100YR002HR	smf-3b	145.7553	11.26
100YR002HR	smf-3b	146.0053	11.26
100YR002HR	smf-3b	146.2553	11.26
100YR002HR	smf-3b	146.5053	11.26
100YR002HR	smf-3b	146.7553	11.26
100YR002HR	smf-3b	147.0053	11.26
100YR002HR	smf-3b	147.2553	11.26
100YR002HR	smf-3b	147.5053	11.26
100YR002HR	smf-3b	147.7553	11.26
100YR002HR	smf-3b	148.0053	11.25
100YR002HR	smf-3b	148.2553	11.25
100YR002HR	smf-3b	148.5053	11.25
100YR002HR	smf-3b	148.7553	11.25
100YR002HR	smf-3b	149.0053	11.25
100YR002HR	smf-3b	149.2553	11.25
100YR002HR	smf-3b	149.5053	11.25
100YR002HR	smf-3b	149.7553	11.25
100YR002HR	smf-3b	150.0053	11.25
100YR002HR	smf-3b	150.2553	11.25
100YR002HR	smf-3b	150.5053	11.25
100YR002HR	smf-3b	150.7553	11.25
100YR002HR	smf-3b	151.0053	11.25
100YR002HR	smf-3b	151.2553	11.25
100YR002HR	smf-3b	151.5053	11.25

100yr-2hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR004YR	smf-1a	175.0075	12.46
100YR004YR	smf-1a	175.2575	12.46
100YR004YR	smf-1a	175.5075	12.46
100YR004YR	smf-1a	175.7575	12.46
100YR004YR	smf-1a	176.0075	12.46
100YR004YR	smf-1a	176.2575	12.46
100YR004YR	smf-1a	176.5075	12.46
100YR004YR	smf-1a	176.7575	12.46
100YR004YR	smf-1a	177.0075	12.46
100YR004YR	smf-1a	177.2575	12.46
100YR004YR	smf-1a	177.5075	12.46
100YR004YR	smf-1a	177.7575	12.46
100YR004YR	smf-1a	178.0075	12.46
100YR004YR	smf-1a	178.2575	12.46
100YR004YR	smf-1a	178.5075	12.46
100YR004YR	smf-1a	178.7575	12.46
100YR004YR	smf-1a	179.0075	12.46
100YR004YR	smf-1a	179.2575	12.46
100YR004YR	smf-1a	179.5075	12.46
100YR004YR	smf-1a	179.7575	12.45
100YR004YR	smf-1a	180.0075	12.45
100YR004YR	smf-1a	180.2575	12.45
100YR004YR	smf-1a	180.5075	12.45
100YR004YR	smf-1a	180.7575	12.45
100YR004YR	smf-1a	181.0075	12.45
100YR004YR	smf-1a	181.2575	12.45
100YR004YR	smf-1a	181.5075	12.45
100YR004YR	smf-1a	181.7575	12.45
100YR004YR	smf-1a	182.0075	12.45
100YR004YR	smf-1a	182.2575	12.45
100YR004YR	smf-1a	182.5075	12.45
100YR004YR	smf-1a	182.7575	12.45
100YR004YR	smf-1a	183.0075	12.45
100YR004YR	smf-1a	183.2575	12.45
100YR004YR	smf-1a	183.5075	12.45
100YR004YR	smf-1a	183.7575	12.45
100YR004YR	smf-1a	184.0075	12.45
100YR004YR	smf-1a	184.2575	12.45
100YR004YR	smf-1a	184.5075	12.45
100YR004YR	smf-1a	184.7575	12.45
100YR004YR	smf-1a	185.0075	12.45
100YR004YR	smf-1a	185.2575	12.45

100yr-4hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR004YR	smf-1b	80.7575	13.02
100YR004YR	smf-1b	81.0075	13.02
100YR004YR	smf-1b	81.2575	13.02
100YR004YR	smf-1b	81.5075	13.02
100YR004YR	smf-1b	81.7575	13.02
100YR004YR	smf-1b	82.0075	13.02
100YR004YR	smf-1b	82.2575	13.02
100YR004YR	smf-1b	82.5075	13.02
100YR004YR	smf-1b	82.7575	13.01
100YR004YR	smf-1b	83.0075	13.01
100YR004YR	smf-1b	83.2575	13.01
100YR004YR	smf-1b	83.5075	13.01
100YR004YR	smf-1b	83.7575	13.01
100YR004YR	smf-1b	84.0075	13.01
100YR004YR	smf-1b	84.2575	13.01
100YR004YR	smf-1b	84.5075	13.01
100YR004YR	smf-1b	84.7575	13.00
100YR004YR	smf-1b	85.0075	13.00
100YR004YR	smf-1b	85.2575	13.00
100YR004YR	smf-1b	85.5075	13.00
100YR004YR	smf-1b	85.7575	13.00
100YR004YR	smf-1b	86.0075	13.00
100YR004YR	smf-1b	86.2575	13.00
100YR004YR	smf-1b	86.5075	13.00
100YR004YR	smf-1b	86.7575	13.00
100YR004YR	smf-1b	87.0075	13.00
100YR004YR	smf-1b	87.2575	13.00
100YR004YR	smf-1b	87.5075	13.00
100YR004YR	smf-1b	87.7575	13.00
100YR004YR	smf-1b	88.0075	13.00
100YR004YR	smf-1b	88.2575	13.00
100YR004YR	smf-1b	88.5075	13.00
100YR004YR	smf-1b	88.7575	13.00
100YR004YR	smf-1b	89.0075	13.00
100YR004YR	smf-1b	89.2575	13.00
100YR004YR	smf-1b	89.5075	13.00
100YR004YR	smf-1b	89.7575	13.00
100YR004YR	smf-1b	90.0075	13.00
100YR004YR	smf-1b	90.2575	13.00
100YR004YR	smf-1b	90.5075	13.00
100YR004YR	smf-1b	90.7575	13.00
100YR004YR	smf-1b	91.0075	13.00



100YR004YR	smf-1b	84.7575	13.00
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100yr-4hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR004YR	smf-2a	154.5075	12.12
100YR004YR	smf-2a	154.7575	12.12
100YR004YR	smf-2a	155.0075	12.12
100YR004YR	smf-2a	155.2575	12.12
100YR004YR	smf-2a	155.5075	12.12
100YR004YR	smf-2a	155.7575	12.12
100YR004YR	smf-2a	156.0075	12.12
100YR004YR	smf-2a	156.2575	12.12
100YR004YR	smf-2a	156.5075	12.12
100YR004YR	smf-2a	156.7575	12.12
100YR004YR	smf-2a	157.0075	12.11
100YR004YR	smf-2a	157.2575	12.11
100YR004YR	smf-2a	157.5075	12.11
100YR004YR	smf-2a	157.7575	12.11
100YR004YR	smf-2a	158.0075	12.11
100YR004YR	smf-2a	158.2575	12.11
100YR004YR	smf-2a	158.5075	12.11
100YR004YR	smf-2a	158.7575	12.11
100YR004YR	smf-2a	159.0075	12.11
100YR004YR	smf-2a	159.2575	12.11
100YR004YR	smf-2a	159.5075	12.11
100YR004YR	smf-2a	159.7575	12.11
100YR004YR	smf-2a	160.0075	12.11
100YR004YR	smf-2a	160.2575	12.11
100YR004YR	smf-2a	160.5075	12.11
100YR004YR	smf-2a	160.7575	12.11
100YR004YR	smf-2a	161.0075	12.11
100YR004YR	smf-2a	161.2575	12.11
100YR004YR	smf-2a	161.5075	12.11
100YR004YR	smf-2a	161.7575	12.10
100YR004YR	smf-2a	162.0075	12.10
100YR004YR	smf-2a	162.2575	12.10
100YR004YR	smf-2a	162.5075	12.10
100YR004YR	smf-2a	162.7575	12.10
100YR004YR	smf-2a	163.0075	12.10
100YR004YR	smf-2a	163.2575	12.10
100YR004YR	smf-2a	163.5075	12.10
100YR004YR	smf-2a	163.7575	12.10
100YR004YR	smf-2a	164.0075	12.10
100YR004YR	smf-2a	164.2575	12.10
100YR004YR	smf-2a	164.5075	12.10
100YR004YR	smf-2a	164.7575	12.10



100yr-4hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR004YR	smf-2b	112.7575	11.43
100YR004YR	smf-2b	113.0075	11.43
100YR004YR	smf-2b	113.2575	11.43
100YR004YR	smf-2b	113.5075	11.43
100YR004YR	smf-2b	113.7575	11.43
100YR004YR	smf-2b	114.0075	11.43
100YR004YR	smf-2b	114.2575	11.43
100YR004YR	smf-2b	114.5075	11.43
100YR004YR	smf-2b	114.7575	11.43
100YR004YR	smf-2b	115.0075	11.43
100YR004YR	smf-2b	115.2575	11.42
100YR004YR	smf-2b	115.5075	11.42
100YR004YR	smf-2b	115.7575	11.42
100YR004YR	smf-2b	116.0075	11.42
100YR004YR	smf-2b	116.2575	11.42
100YR004YR	smf-2b	116.5075	11.42
100YR004YR	smf-2b	116.7575	11.42
100YR004YR	smf-2b	117.0075	11.42
100YR004YR	smf-2b	117.2575	11.42
100YR004YR	smf-2b	117.5075	11.42
100YR004YR	smf-2b	117.7575	11.42
100YR004YR	smf-2b	118.0075	11.41
100YR004YR	smf-2b	118.2575	11.41
100YR004YR	smf-2b	118.5075	11.41
100YR004YR	smf-2b	118.7575	11.41
100YR004YR	smf-2b	119.0075	11.41
100YR004YR	smf-2b	119.2575	11.41
100YR004YR	smf-2b	119.5075	11.41
100YR004YR	smf-2b	119.7575	11.41
100YR004YR	smf-2b	120.0075	11.41
100YR004YR	smf-2b	120.2575	11.41
100YR004YR	smf-2b	120.5075	11.41
100YR004YR	smf-2b	120.7575	11.41
100YR004YR	smf-2b	121.0075	11.40
100YR004YR	smf-2b	121.2575	11.40
100YR004YR	smf-2b	121.5075	11.40
100YR004YR	smf-2b	121.7575	11.40
100YR004YR	smf-2b	122.0075	11.40
100YR004YR	smf-2b	122.2575	11.40
100YR004YR	smf-2b	122.5075	11.40
100YR004YR	smf-2b	122.7575	11.40
100YR004YR	smf-2b	123.0075	11.40

100yr-4hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR004YR	smf-2c	144.5075	11.87
100YR004YR	smf-2c	144.7575	11.87
100YR004YR	smf-2c	145.0075	11.87
100YR004YR	smf-2c	145.2575	11.87
100YR004YR	smf-2c	145.5075	11.87
100YR004YR	smf-2c	145.7575	11.87
100YR004YR	smf-2c	146.0075	11.87
100YR004YR	smf-2c	146.2575	11.87
100YR004YR	smf-2c	146.5075	11.87
100YR004YR	smf-2c	146.7575	11.87
100YR004YR	smf-2c	147.0075	11.87
100YR004YR	smf-2c	147.2575	11.87
100YR004YR	smf-2c	147.5075	11.87
100YR004YR	smf-2c	147.7575	11.87
100YR004YR	smf-2c	148.0075	11.87
100YR004YR	smf-2c	148.2575	11.86
100YR004YR	smf-2c	148.5075	11.86
100YR004YR	smf-2c	148.7575	11.86
100YR004YR	smf-2c	149.0075	11.86
100YR004YR	smf-2c	149.2575	11.86
100YR004YR	smf-2c	149.5075	11.86
100YR004YR	smf-2c	149.7575	11.86
100YR004YR	smf-2c	150.0075	11.86
100YR004YR	smf-2c	150.2575	11.86
100YR004YR	smf-2c	150.5075	11.86
100YR004YR	smf-2c	150.7575	11.86
100YR004YR	smf-2c	151.0075	11.86
100YR004YR	smf-2c	151.2575	11.86
100YR004YR	smf-2c	151.5075	11.86
100YR004YR	smf-2c	151.7575	11.86
100YR004YR	smf-2c	152.0075	11.85
100YR004YR	smf-2c	152.2575	11.85
100YR004YR	smf-2c	152.5075	11.85
100YR004YR	smf-2c	152.7575	11.85
100YR004YR	smf-2c	153.0075	11.85
100YR004YR	smf-2c	153.2575	11.85
100YR004YR	smf-2c	153.5075	11.85
100YR004YR	smf-2c	153.7575	11.85
100YR004YR	smf-2c	154.0075	11.85
100YR004YR	smf-2c	154.2575	11.85
100YR004YR	smf-2c	154.5075	11.85
100YR004YR	smf-2c	154.7575	11.85

100yr-4hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR004YR	smf-3a	123.7575	11.93
100YR004YR	smf-3a	124.0075	11.93
100YR004YR	smf-3a	124.2575	11.93
100YR004YR	smf-3a	124.5075	11.93
100YR004YR	smf-3a	124.7575	11.93
100YR004YR	smf-3a	125.0075	11.93
100YR004YR	smf-3a	125.2575	11.92
100YR004YR	smf-3a	125.5075	11.92
100YR004YR	smf-3a	125.7575	11.92
100YR004YR	smf-3a	126.0075	11.92
100YR004YR	smf-3a	126.2575	11.92
100YR004YR	smf-3a	126.5075	11.92
100YR004YR	smf-3a	126.7575	11.92
100YR004YR	smf-3a	127.0075	11.92
100YR004YR	smf-3a	127.2575	11.92
100YR004YR	smf-3a	127.5075	11.92
100YR004YR	smf-3a	127.7575	11.92
100YR004YR	smf-3a	128.0075	11.92
100YR004YR	smf-3a	128.2575	11.91
100YR004YR	smf-3a	128.5075	11.91
100YR004YR	smf-3a	128.7575	11.91
100YR004YR	smf-3a	129.0075	11.91
100YR004YR	smf-3a	129.2575	11.91
100YR004YR	smf-3a	129.5075	11.91
100YR004YR	smf-3a	129.7575	11.91
100YR004YR	smf-3a	130.0075	11.91
100YR004YR	smf-3a	130.2575	11.91
100YR004YR	smf-3a	130.5075	11.91
100YR004YR	smf-3a	130.7575	11.91
100YR004YR	smf-3a	131.0075	11.91
100YR004YR	smf-3a	131.2575	11.91
100YR004YR	smf-3a	131.5075	11.90
100YR004YR	smf-3a	131.7575	11.90
100YR004YR	smf-3a	132.0075	11.90
100YR004YR	smf-3a	132.2575	11.90
100YR004YR	smf-3a	132.5075	11.90
100YR004YR	smf-3a	132.7575	11.90
100YR004YR	smf-3a	133.0075	11.90
100YR004YR	smf-3a	133.2575	11.90
100YR004YR	smf-3a	133.5075	11.90
100YR004YR	smf-3a	133.7575	11.90
100YR004YR	smf-3a	134.0075	11.90

100yr-4hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR004YR	smf-3b	166.0075	11.26
100YR004YR	smf-3b	166.2575	11.26
100YR004YR	smf-3b	166.5075	11.25
100YR004YR	smf-3b	166.7575	11.25
100YR004YR	smf-3b	167.0075	11.25
100YR004YR	smf-3b	167.2575	11.25
100YR004YR	smf-3b	167.5075	11.25
100YR004YR	smf-3b	167.7575	11.25
100YR004YR	smf-3b	168.0075	11.25
100YR004YR	smf-3b	168.2575	11.25
100YR004YR	smf-3b	168.5075	11.25
100YR004YR	smf-3b	168.7575	11.25
100YR004YR	smf-3b	169.0075	11.25
100YR004YR	smf-3b	169.2575	11.25
100YR004YR	smf-3b	169.5075	11.25
100YR004YR	smf-3b	169.7575	11.25
100YR004YR	smf-3b	170.0075	11.25
100YR004YR	smf-3b	170.2575	11.25
100YR004YR	smf-3b	170.5075	11.25
100YR004YR	smf-3b	170.7575	11.25
100YR004YR	smf-3b	171.0075	11.25
100YR004YR	smf-3b	171.2575	11.25
100YR004YR	smf-3b	171.5075	11.25
100YR004YR	smf-3b	171.7575	11.25
100YR004YR	smf-3b	172.0075	11.25
100YR004YR	smf-3b	172.2575	11.25
100YR004YR	smf-3b	172.5075	11.25
100YR004YR	smf-3b	172.7575	11.25
100YR004YR	smf-3b	173.0075	11.25
100YR004YR	smf-3b	173.2575	11.25
100YR004YR	smf-3b	173.5075	11.25
100YR004YR	smf-3b	173.7575	11.25
100YR004YR	smf-3b	174.0075	11.25
100YR004YR	smf-3b	174.2575	11.25
100YR004YR	smf-3b	174.5075	11.25
100YR004YR	smf-3b	174.7575	11.25
100YR004YR	smf-3b	175.0075	11.25
100YR004YR	smf-3b	175.2575	11.25
100YR004YR	smf-3b	175.5075	11.25
100YR004YR	smf-3b	175.7575	11.25
100YR004YR	smf-3b	176.0075	11.25
100YR004YR	smf-3b	176.2575	11.25

100yr-4hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR008HR	smf-1a	218.7546	12.47
100YR008HR	smf-1a	219.0046	12.47
100YR008HR	smf-1a	219.2546	12.47
100YR008HR	smf-1a	219.5046	12.47
100YR008HR	smf-1a	219.7546	12.47
100YR008HR	smf-1a	220.0046	12.47
100YR008HR	smf-1a	220.2546	12.46
100YR008HR	smf-1a	220.5046	12.46
100YR008HR	smf-1a	220.7546	12.46
100YR008HR	smf-1a	221.0046	12.46
100YR008HR	smf-1a	221.2546	12.46
100YR008HR	smf-1a	221.5046	12.46
100YR008HR	smf-1a	221.7546	12.46
100YR008HR	smf-1a	222.0046	12.46
100YR008HR	smf-1a	222.2546	12.46
100YR008HR	smf-1a	222.5046	12.46
100YR008HR	smf-1a	222.7546	12.46
100YR008HR	smf-1a	223.0046	12.46
100YR008HR	smf-1a	223.2546	12.46
100YR008HR	smf-1a	223.5046	12.46
100YR008HR	smf-1a	223.7546	12.46
100YR008HR	smf-1a	224.0046	12.46
100YR008HR	smf-1a	224.2546	12.46
100YR008HR	smf-1a	224.5046	12.46
100YR008HR	smf-1a	224.7546	12.46
100YR008HR	smf-1a	225.0046	12.46
100YR008HR	smf-1a	225.2546	12.46
100YR008HR	smf-1a	225.5046	12.46
100YR008HR	smf-1a	225.7546	12.46
100YR008HR	smf-1a	226.0046	12.46
100YR008HR	smf-1a	226.2546	12.45
100YR008HR	smf-1a	226.5046	12.45
100YR008HR	smf-1a	226.7546	12.45
100YR008HR	smf-1a	227.0046	12.45
100YR008HR	smf-1a	227.2546	12.45
100YR008HR	smf-1a	227.5046	12.45
100YR008HR	smf-1a	227.7546	12.45
100YR008HR	smf-1a	228.0046	12.45
100YR008HR	smf-1a	228.2546	12.45
100YR008HR	smf-1a	228.5046	12.45
100YR008HR	smf-1a	228.7546	12.45
100YR008HR	smf-1a	229.0046	12.45

100yr-8hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR008HR	smf-1b	110.0046	13.02
100YR008HR	smf-1b	110.2546	13.02
100YR008HR	smf-1b	110.5046	13.02
100YR008HR	smf-1b	110.7546	13.02
100YR008HR	smf-1b	111.0046	13.02
100YR008HR	smf-1b	111.2546	13.02
100YR008HR	smf-1b	111.5046	13.02
100YR008HR	smf-1b	111.7546	13.02
100YR008HR	smf-1b	112.0046	13.02
100YR008HR	smf-1b	112.2546	13.02
100YR008HR	smf-1b	112.5046	13.01
100YR008HR	smf-1b	112.7546	13.01
100YR008HR	smf-1b	113.0046	13.01
100YR008HR	smf-1b	113.2546	13.01
100YR008HR	smf-1b	113.5046	13.01
100YR008HR	smf-1b	113.7546	13.01
100YR008HR	smf-1b	114.0046	13.01
100YR008HR	smf-1b	114.2546	13.01
100YR008HR	smf-1b	114.5046	13.01
100YR008HR	smf-1b	114.7546	13.01
100YR008HR	smf-1b	115.0046	13.01
100YR008HR	smf-1b	115.2546	13.00
100YR008HR	smf-1b	115.5046	13.00
100YR008HR	smf-1b	115.7546	13.00
100YR008HR	smf-1b	116.0046	13.00
100YR008HR	smf-1b	116.2546	13.00
100YR008HR	smf-1b	116.5046	13.00
100YR008HR	smf-1b	116.7546	13.00
100YR008HR	smf-1b	117.0046	13.00
100YR008HR	smf-1b	117.2546	13.00
100YR008HR	smf-1b	117.5046	13.00
100YR008HR	smf-1b	117.7546	13.00
100YR008HR	smf-1b	118.0046	13.00
100YR008HR	smf-1b	118.2546	13.00
100YR008HR	smf-1b	118.5046	13.00
100YR008HR	smf-1b	118.7546	13.00
100YR008HR	smf-1b	119.0046	13.00
100YR008HR	smf-1b	119.2546	13.00
100YR008HR	smf-1b	119.5046	13.00
100YR008HR	smf-1b	119.7546	13.00
100YR008HR	smf-1b	120.0046	13.00
100YR008HR	smf-1b	120.2546	13.00

100yr-8hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR008HR	smf-2a	190.2546	12.11
100YR008HR	smf-2a	190.5046	12.11
100YR008HR	smf-2a	190.7546	12.11
100YR008HR	smf-2a	191.0046	12.10
100YR008HR	smf-2a	191.2546	12.10
100YR008HR	smf-2a	191.5046	12.10
100YR008HR	smf-2a	191.7546	12.10
100YR008HR	smf-2a	192.0046	12.10
100YR008HR	smf-2a	192.2546	12.10
100YR008HR	smf-2a	192.5046	12.10
100YR008HR	smf-2a	192.7546	12.10
100YR008HR	smf-2a	193.0046	12.10
100YR008HR	smf-2a	193.2546	12.10
100YR008HR	smf-2a	193.5046	12.10
100YR008HR	smf-2a	193.7546	12.10
100YR008HR	smf-2a	194.0046	12.10
100YR008HR	smf-2a	194.2546	12.10
100YR008HR	smf-2a	194.5046	12.10
100YR008HR	smf-2a	194.7546	12.10
100YR008HR	smf-2a	195.0046	12.10
100YR008HR	smf-2a	195.2546	12.10
100YR008HR	smf-2a	195.5046	12.10
100YR008HR	smf-2a	195.7546	12.10
100YR008HR	smf-2a	196.0046	12.10
100YR008HR	smf-2a	196.2546	12.10
100YR008HR	smf-2a	196.5046	12.10
100YR008HR	smf-2a	196.7546	12.10
100YR008HR	smf-2a	197.0046	12.10
100YR008HR	smf-2a	197.2546	12.10
100YR008HR	smf-2a	197.5046	12.10
100YR008HR	smf-2a	197.7546	12.10
100YR008HR	smf-2a	198.0046	12.10
100YR008HR	smf-2a	198.2546	12.10
100YR008HR	smf-2a	198.5046	12.10
100YR008HR	smf-2a	198.7546	12.10
100YR008HR	smf-2a	199.0046	12.10
100YR008HR	smf-2a	199.2546	12.10
100YR008HR	smf-2a	199.5046	12.10
100YR008HR	smf-2a	199.7546	12.10
100YR008HR	smf-2a	200.0046	12.10
100YR008HR	smf-2a	200.2546	12.10
100YR008HR	smf-2a	200.5046	12.10

100yr-8hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR008HR	smf-2b	144.5046	11.42
100YR008HR	smf-2b	144.7546	11.42
100YR008HR	smf-2b	145.0046	11.42
100YR008HR	smf-2b	145.2546	11.42
100YR008HR	smf-2b	145.5046	11.42
100YR008HR	smf-2b	145.7546	11.42
100YR008HR	smf-2b	146.0046	11.41
100YR008HR	smf-2b	146.2546	11.41
100YR008HR	smf-2b	146.5046	11.41
100YR008HR	smf-2b	146.7546	11.41
100YR008HR	smf-2b	147.0046	11.41
100YR008HR	smf-2b	147.2546	11.41
100YR008HR	smf-2b	147.5046	11.41
100YR008HR	smf-2b	147.7546	11.41
100YR008HR	smf-2b	148.0046	11.41
100YR008HR	smf-2b	148.2546	11.41
100YR008HR	smf-2b	148.5046	11.41
100YR008HR	smf-2b	148.7546	11.41
100YR008HR	smf-2b	149.0046	11.41
100YR008HR	smf-2b	149.2546	11.41
100YR008HR	smf-2b	149.5046	11.41
100YR008HR	smf-2b	149.7546	11.40
100YR008HR	smf-2b	150.0046	11.40
100YR008HR	smf-2b	150.2546	11.40
100YR008HR	smf-2b	150.5046	11.40
100YR008HR	smf-2b	150.7546	11.40
100YR008HR	smf-2b	151.0046	11.40
100YR008HR	smf-2b	151.2546	11.40
100YR008HR	smf-2b	151.5046	11.40
100YR008HR	smf-2b	151.7546	11.40
100YR008HR	smf-2b	152.0046	11.40
100YR008HR	smf-2b	152.2546	11.40
100YR008HR	smf-2b	152.5046	11.40
100YR008HR	smf-2b	152.7546	11.40
100YR008HR	smf-2b	153.0046	11.40
100YR008HR	smf-2b	153.2546	11.40
100YR008HR	smf-2b	153.5046	11.40
100YR008HR	smf-2b	153.7546	11.40
100YR008HR	smf-2b	154.0046	11.40
100YR008HR	smf-2b	154.2546	11.40
100YR008HR	smf-2b	154.5046	11.40
100YR008HR	smf-2b	154.7546	11.40

100yr-8hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR008HR	smf-2c	172.2546	11.88
100YR008HR	smf-2c	172.5046	11.88
100YR008HR	smf-2c	172.7546	11.88
100YR008HR	smf-2c	173.0046	11.88
100YR008HR	smf-2c	173.2546	11.87
100YR008HR	smf-2c	173.5046	11.87
100YR008HR	smf-2c	173.7546	11.87
100YR008HR	smf-2c	174.0046	11.87
100YR008HR	smf-2c	174.2546	11.87
100YR008HR	smf-2c	174.5046	11.87
100YR008HR	smf-2c	174.7546	11.87
100YR008HR	smf-2c	175.0046	11.87
100YR008HR	smf-2c	175.2546	11.87
100YR008HR	smf-2c	175.5046	11.87
100YR008HR	smf-2c	175.7546	11.87
100YR008HR	smf-2c	176.0046	11.87
100YR008HR	smf-2c	176.2546	11.87
100YR008HR	smf-2c	176.5046	11.87
100YR008HR	smf-2c	176.7546	11.87
100YR008HR	smf-2c	177.0046	11.87
100YR008HR	smf-2c	177.2546	11.87
100YR008HR	smf-2c	177.5046	11.86
100YR008HR	smf-2c	177.7546	11.86
100YR008HR	smf-2c	178.0046	11.86
100YR008HR	smf-2c	178.2546	11.86
100YR008HR	smf-2c	178.5046	11.86
100YR008HR	smf-2c	178.7546	11.86
100YR008HR	smf-2c	179.0046	11.86
100YR008HR	smf-2c	179.2546	11.86
100YR008HR	smf-2c	179.5046	11.86
100YR008HR	smf-2c	179.7546	11.86
100YR008HR	smf-2c	180.0046	11.86
100YR008HR	smf-2c	180.2546	11.86
100YR008HR	smf-2c	180.5046	11.86
100YR008HR	smf-2c	180.7546	11.86
100YR008HR	smf-2c	181.0046	11.86
100YR008HR	smf-2c	181.2546	11.86
100YR008HR	smf-2c	181.5046	11.86
100YR008HR	smf-2c	181.7546	11.86
100YR008HR	smf-2c	182.0046	11.85
100YR008HR	smf-2c	182.2546	11.85
100YR008HR	smf-2c	182.5046	11.85

100yr-8hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR008HR	smf-3a	158.0046	11.92
100YR008HR	smf-3a	158.2546	11.92
100YR008HR	smf-3a	158.5046	11.92
100YR008HR	smf-3a	158.7546	11.92
100YR008HR	smf-3a	159.0046	11.92
100YR008HR	smf-3a	159.2546	11.92
100YR008HR	smf-3a	159.5046	11.92
100YR008HR	smf-3a	159.7546	11.92
100YR008HR	smf-3a	160.0046	11.92
100YR008HR	smf-3a	160.2546	11.92
100YR008HR	smf-3a	160.5046	11.92
100YR008HR	smf-3a	160.7546	11.91
100YR008HR	smf-3a	161.0046	11.91
100YR008HR	smf-3a	161.2546	11.91
100YR008HR	smf-3a	161.5046	11.91
100YR008HR	smf-3a	161.7546	11.91
100YR008HR	smf-3a	162.0046	11.91
100YR008HR	smf-3a	162.2546	11.91
100YR008HR	smf-3a	162.5046	11.91
100YR008HR	smf-3a	162.7546	11.91
100YR008HR	smf-3a	163.0046	11.91
100YR008HR	smf-3a	163.2546	11.91
100YR008HR	smf-3a	163.5046	11.91
100YR008HR	smf-3a	163.7546	11.91
100YR008HR	smf-3a	164.0046	11.91
100YR008HR	smf-3a	164.2546	11.91
100YR008HR	smf-3a	164.5046	11.91
100YR008HR	smf-3a	164.7546	11.90
100YR008HR	smf-3a	165.0046	11.90
100YR008HR	smf-3a	165.2546	11.90
100YR008HR	smf-3a	165.5046	11.90
100YR008HR	smf-3a	165.7546	11.90
100YR008HR	smf-3a	166.0046	11.90
100YR008HR	smf-3a	166.2546	11.90
100YR008HR	smf-3a	166.5046	11.90
100YR008HR	smf-3a	166.7546	11.90
100YR008HR	smf-3a	167.0046	11.90
100YR008HR	smf-3a	167.2546	11.90
100YR008HR	smf-3a	167.5046	11.90
100YR008HR	smf-3a	167.7546	11.90
100YR008HR	smf-3a	168.0046	11.90
100YR008HR	smf-3a	168.2546	11.90



100YR008HR	smf-3a	164.7546	11.90
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100yr-8hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR008HR	smf-3b	196.2546	11.27
100YR008HR	smf-3b	196.5046	11.27
100YR008HR	smf-3b	196.7546	11.27
100YR008HR	smf-3b	197.0046	11.27
100YR008HR	smf-3b	197.2546	11.27
100YR008HR	smf-3b	197.5046	11.27
100YR008HR	smf-3b	197.7546	11.26
100YR008HR	smf-3b	198.0046	11.26
100YR008HR	smf-3b	198.2546	11.26
100YR008HR	smf-3b	198.5046	11.26
100YR008HR	smf-3b	198.7546	11.26
100YR008HR	smf-3b	199.0046	11.26
100YR008HR	smf-3b	199.2546	11.26
100YR008HR	smf-3b	199.5046	11.26
100YR008HR	smf-3b	199.7546	11.26
100YR008HR	smf-3b	200.0046	11.26
100YR008HR	smf-3b	200.2546	11.26
100YR008HR	smf-3b	200.5046	11.26
100YR008HR	smf-3b	200.7546	11.26
100YR008HR	smf-3b	201.0046	11.26
100YR008HR	smf-3b	201.2546	11.26
100YR008HR	smf-3b	201.5046	11.26
100YR008HR	smf-3b	201.7546	11.26
100YR008HR	smf-3b	202.0046	11.26
100YR008HR	smf-3b	202.2546	11.26
100YR008HR	smf-3b	202.5046	11.25
100YR008HR	smf-3b	202.7546	11.25
100YR008HR	smf-3b	203.0046	11.25
100YR008HR	smf-3b	203.2546	11.25
100YR008HR	smf-3b	203.5046	11.25
100YR008HR	smf-3b	203.7546	11.25
100YR008HR	smf-3b	204.0046	11.25
100YR008HR	smf-3b	204.2546	11.25
100YR008HR	smf-3b	204.5046	11.25
100YR008HR	smf-3b	204.7546	11.25
100YR008HR	smf-3b	205.0046	11.25
100YR008HR	smf-3b	205.2546	11.25
100YR008HR	smf-3b	205.5046	11.25
100YR008HR	smf-3b	205.7546	11.25
100YR008HR	smf-3b	206.0046	11.25
100YR008HR	smf-3b	206.2546	11.25
100YR008HR	smf-3b	206.5046	11.25



100YR008HR	smf-3b	202.2546	11.26
100YR008HR	smf-3b	202.5046	11.25

100yr-8hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR024HR	smf-1a	329.0068	12.46
100YR024HR	smf-1a	329.2568	12.46
100YR024HR	smf-1a	329.5068	12.46
100YR024HR	smf-1a	329.7568	12.46
100YR024HR	smf-1a	330.0068	12.46
100YR024HR	smf-1a	330.2568	12.46
100YR024HR	smf-1a	330.5068	12.46
100YR024HR	smf-1a	330.7568	12.46
100YR024HR	smf-1a	331.0068	12.46
100YR024HR	smf-1a	331.2568	12.46
100YR024HR	smf-1a	331.5068	12.46
100YR024HR	smf-1a	331.7568	12.46
100YR024HR	smf-1a	332.0068	12.46
100YR024HR	smf-1a	332.2568	12.46
100YR024HR	smf-1a	332.5068	12.46
100YR024HR	smf-1a	332.7568	12.46
100YR024HR	smf-1a	333.0068	12.46
100YR024HR	smf-1a	333.2568	12.46
100YR024HR	smf-1a	333.5068	12.46
100YR024HR	smf-1a	333.7568	12.46
100YR024HR	smf-1a	334.0068	12.46
100YR024HR	smf-1a	334.2568	12.46
100YR024HR	smf-1a	334.5068	12.46
100YR024HR	smf-1a	334.7568	12.46
100YR024HR	smf-1a	335.0068	12.45
100YR024HR	smf-1a	335.2568	12.45
100YR024HR	smf-1a	335.5068	12.45
100YR024HR	smf-1a	335.7568	12.45
100YR024HR	smf-1a	336.0068	12.45
100YR024HR	smf-1a	336.2568	12.45
100YR024HR	smf-1a	336.5068	12.45
100YR024HR	smf-1a	336.7568	12.45
100YR024HR	smf-1a	337.0068	12.45
100YR024HR	smf-1a	337.2568	12.45
100YR024HR	smf-1a	337.5068	12.45
100YR024HR	smf-1a	337.7568	12.45
100YR024HR	smf-1a	338.0068	12.45
100YR024HR	smf-1a	338.2568	12.45
100YR024HR	smf-1a	338.5068	12.45
100YR024HR	smf-1a	338.7568	12.45
100YR024HR	smf-1a	339.0068	12.45
100YR024HR	smf-1a	339.2568	12.45



100yr-24hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR024HR	smf-1b	193.7568	13.02
100YR024HR	smf-1b	194.0068	13.02
100YR024HR	smf-1b	194.2568	13.02
100YR024HR	smf-1b	194.5068	13.02
100YR024HR	smf-1b	194.7568	13.02
100YR024HR	smf-1b	195.0068	13.02
100YR024HR	smf-1b	195.2568	13.02
100YR024HR	smf-1b	195.5068	13.02
100YR024HR	smf-1b	195.7568	13.02
100YR024HR	smf-1b	196.0068	13.02
100YR024HR	smf-1b	196.2568	13.02
100YR024HR	smf-1b	196.5068	13.02
100YR024HR	smf-1b	196.7568	13.02
100YR024HR	smf-1b	197.0068	13.02
100YR024HR	smf-1b	197.2568	13.02
100YR024HR	smf-1b	197.5068	13.02
100YR024HR	smf-1b	197.7568	13.02
100YR024HR	smf-1b	198.0068	13.01
100YR024HR	smf-1b	198.2568	13.01
100YR024HR	smf-1b	198.5068	13.01
100YR024HR	smf-1b	198.7568	13.01
100YR024HR	smf-1b	199.0068	13.01
100YR024HR	smf-1b	199.2568	13.01
100YR024HR	smf-1b	199.5068	13.01
100YR024HR	smf-1b	199.7568	13.01
100YR024HR	smf-1b	200.0068	13.01
100YR024HR	smf-1b	200.2568	13.01
100YR024HR	smf-1b	200.5068	13.01
100YR024HR	smf-1b	200.7568	13.01
100YR024HR	smf-1b	201.0068	13.01
100YR024HR	smf-1b	201.2568	13.01
100YR024HR	smf-1b	201.5068	13.01
100YR024HR	smf-1b	201.7568	13.01
100YR024HR	smf-1b	202.0068	13.01
100YR024HR	smf-1b	202.2568	13.01
100YR024HR	smf-1b	202.5068	13.01
100YR024HR	smf-1b	202.7568	13.00
100YR024HR	smf-1b	203.0068	13.00
100YR024HR	smf-1b	203.2568	13.00
100YR024HR	smf-1b	203.5068	13.00
100YR024HR	smf-1b	203.7568	13.00
100YR024HR	smf-1b	204.0068	13.00

100yr-24hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR024HR	smf-2a	279.0068	12.11
100YR024HR	smf-2a	279.2568	12.11
100YR024HR	smf-2a	279.5068	12.11
100YR024HR	smf-2a	279.7568	12.11
100YR024HR	smf-2a	280.0068	12.11
100YR024HR	smf-2a	280.2568	12.11
100YR024HR	smf-2a	280.5068	12.11
100YR024HR	smf-2a	280.7568	12.11
100YR024HR	smf-2a	281.0068	12.11
100YR024HR	smf-2a	281.2568	12.11
100YR024HR	smf-2a	281.5068	12.11
100YR024HR	smf-2a	281.7568	12.11
100YR024HR	smf-2a	282.0068	12.11
100YR024HR	smf-2a	282.2568	12.11
100YR024HR	smf-2a	282.5068	12.11
100YR024HR	smf-2a	282.7568	12.11
100YR024HR	smf-2a	283.0068	12.11
100YR024HR	smf-2a	283.2568	12.10
100YR024HR	smf-2a	283.5068	12.10
100YR024HR	smf-2a	283.7568	12.10
100YR024HR	smf-2a	284.0068	12.10
100YR024HR	smf-2a	284.2568	12.10
100YR024HR	smf-2a	284.5068	12.10
100YR024HR	smf-2a	284.7568	12.10
100YR024HR	smf-2a	285.0068	12.10
100YR024HR	smf-2a	285.2568	12.10
100YR024HR	smf-2a	285.5068	12.10
100YR024HR	smf-2a	285.7568	12.10
100YR024HR	smf-2a	286.0068	12.10
100YR024HR	smf-2a	286.2568	12.10
100YR024HR	smf-2a	286.5068	12.10
100YR024HR	smf-2a	286.7568	12.10
100YR024HR	smf-2a	287.0068	12.10
100YR024HR	smf-2a	287.2568	12.10
100YR024HR	smf-2a	287.5068	12.10
100YR024HR	smf-2a	287.7568	12.10
100YR024HR	smf-2a	288.0068	12.10
100YR024HR	smf-2a	288.2568	12.10
100YR024HR	smf-2a	288.5068	12.10
100YR024HR	smf-2a	288.7568	12.10
100YR024HR	smf-2a	289.0068	12.10
100YR024HR	smf-2a	289.2568	12.10

100yr-24hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR024HR	smf-2b	238.2568	11.41
100YR024HR	smf-2b	238.5068	11.41
100YR024HR	smf-2b	238.7568	11.41
100YR024HR	smf-2b	239.0068	11.41
100YR024HR	smf-2b	239.2568	11.41
100YR024HR	smf-2b	239.5068	11.40
100YR024HR	smf-2b	239.7568	11.40
100YR024HR	smf-2b	240.0068	11.40
100YR024HR	smf-2b	240.2568	11.40
100YR024HR	smf-2b	240.5068	11.40
100YR024HR	smf-2b	240.7568	11.40
100YR024HR	smf-2b	241.0068	11.40
100YR024HR	smf-2b	241.2568	11.40
100YR024HR	smf-2b	241.5068	11.40
100YR024HR	smf-2b	241.7568	11.40
100YR024HR	smf-2b	242.0068	11.40
100YR024HR	smf-2b	242.2568	11.40
100YR024HR	smf-2b	242.5068	11.40
100YR024HR	smf-2b	242.7568	11.40
100YR024HR	smf-2b	243.0068	11.40
100YR024HR	smf-2b	243.2568	11.40
100YR024HR	smf-2b	243.5068	11.40
100YR024HR	smf-2b	243.7568	11.40
100YR024HR	smf-2b	244.0068	11.40
100YR024HR	smf-2b	244.2568	11.40
100YR024HR	smf-2b	244.5068	11.40
100YR024HR	smf-2b	244.7568	11.40
100YR024HR	smf-2b	245.0068	11.40
100YR024HR	smf-2b	245.2568	11.40
100YR024HR	smf-2b	245.5068	11.40
100YR024HR	smf-2b	245.7568	11.40
100YR024HR	smf-2b	246.0068	11.40
100YR024HR	smf-2b	246.2568	11.40
100YR024HR	smf-2b	246.5068	11.40
100YR024HR	smf-2b	246.7568	11.40
100YR024HR	smf-2b	247.0068	11.40
100YR024HR	smf-2b	247.2568	11.40
100YR024HR	smf-2b	247.5068	11.40
100YR024HR	smf-2b	247.7568	11.40
100YR024HR	smf-2b	248.0068	11.40
100YR024HR	smf-2b	248.2568	11.40
100YR024HR	smf-2b	248.5068	11.40

100yr-24hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR024HR	smf-2c	271.0068	11.87
100YR024HR	smf-2c	271.2568	11.87
100YR024HR	smf-2c	271.5068	11.86
100YR024HR	smf-2c	271.7568	11.86
100YR024HR	smf-2c	272.0068	11.86
100YR024HR	smf-2c	272.2568	11.86
100YR024HR	smf-2c	272.5068	11.86
100YR024HR	smf-2c	272.7568	11.86
100YR024HR	smf-2c	273.0068	11.86
100YR024HR	smf-2c	273.2568	11.86
100YR024HR	smf-2c	273.5068	11.86
100YR024HR	smf-2c	273.7568	11.86
100YR024HR	smf-2c	274.0068	11.86
100YR024HR	smf-2c	274.2568	11.86
100YR024HR	smf-2c	274.5068	11.86
100YR024HR	smf-2c	274.7568	11.86
100YR024HR	smf-2c	275.0068	11.86
100YR024HR	smf-2c	275.2568	11.86
100YR024HR	smf-2c	275.5068	11.86
100YR024HR	smf-2c	275.7568	11.86
100YR024HR	smf-2c	276.0068	11.86
100YR024HR	smf-2c	276.2568	11.86
100YR024HR	smf-2c	276.5068	11.86
100YR024HR	smf-2c	276.7568	11.86
100YR024HR	smf-2c	277.0068	11.86
100YR024HR	smf-2c	277.2568	11.86
100YR024HR	smf-2c	277.5068	11.86
100YR024HR	smf-2c	277.7568	11.86
100YR024HR	smf-2c	278.0068	11.86
100YR024HR	smf-2c	278.2568	11.85
100YR024HR	smf-2c	278.5068	11.85
100YR024HR	smf-2c	278.7568	11.85
100YR024HR	smf-2c	279.0068	11.85
100YR024HR	smf-2c	279.2568	11.85
100YR024HR	smf-2c	279.5068	11.85
100YR024HR	smf-2c	279.7568	11.85
100YR024HR	smf-2c	280.0068	11.85
100YR024HR	smf-2c	280.2568	11.85
100YR024HR	smf-2c	280.5068	11.85
100YR024HR	smf-2c	280.7568	11.85
100YR024HR	smf-2c	281.0068	11.85
100YR024HR	smf-2c	281.2568	11.85

100yr-24hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR024HR	smf-3a	272.2568	11.91
100YR024HR	smf-3a	272.5068	11.90
100YR024HR	smf-3a	272.7568	11.90
100YR024HR	smf-3a	273.0068	11.90
100YR024HR	smf-3a	273.2568	11.90
100YR024HR	smf-3a	273.5068	11.90
100YR024HR	smf-3a	273.7568	11.90
100YR024HR	smf-3a	274.0068	11.90
100YR024HR	smf-3a	274.2568	11.90
100YR024HR	smf-3a	274.5068	11.90
100YR024HR	smf-3a	274.7568	11.90
100YR024HR	smf-3a	275.0068	11.90
100YR024HR	smf-3a	275.2568	11.90
100YR024HR	smf-3a	275.5068	11.90
100YR024HR	smf-3a	275.7568	11.90
100YR024HR	smf-3a	276.0068	11.90
100YR024HR	smf-3a	276.2568	11.90
100YR024HR	smf-3a	276.5068	11.90
100YR024HR	smf-3a	276.7568	11.90
100YR024HR	smf-3a	277.0068	11.90
100YR024HR	smf-3a	277.2568	11.90
100YR024HR	smf-3a	277.5068	11.90
100YR024HR	smf-3a	277.7568	11.90
100YR024HR	smf-3a	278.0068	11.90
100YR024HR	smf-3a	278.2568	11.90
100YR024HR	smf-3a	278.5068	11.90
100YR024HR	smf-3a	278.7568	11.90
100YR024HR	smf-3a	279.0068	11.90
100YR024HR	smf-3a	279.2568	11.90
100YR024HR	smf-3a	279.5068	11.90
100YR024HR	smf-3a	279.7568	11.90
100YR024HR	smf-3a	280.0068	11.90
100YR024HR	smf-3a	280.2568	11.90
100YR024HR	smf-3a	280.5068	11.90
100YR024HR	smf-3a	280.7568	11.90
100YR024HR	smf-3a	281.0068	11.90
100YR024HR	smf-3a	281.2568	11.90
100YR024HR	smf-3a	281.5068	11.90
100YR024HR	smf-3a	281.7568	11.90
100YR024HR	smf-3a	282.0068	11.90
100YR024HR	smf-3a	282.2568	11.90
100YR024HR	smf-3a	282.5068	11.90

100yr-24hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR024HR	smf-3b	315.5068	11.26
100YR024HR	smf-3b	315.7568	11.26
100YR024HR	smf-3b	316.0068	11.26
100YR024HR	smf-3b	316.2568	11.26
100YR024HR	smf-3b	316.5068	11.26
100YR024HR	smf-3b	316.7568	11.26
100YR024HR	smf-3b	317.0068	11.26
100YR024HR	smf-3b	317.2568	11.26
100YR024HR	smf-3b	317.5068	11.26
100YR024HR	smf-3b	317.7568	11.26
100YR024HR	smf-3b	318.0068	11.26
100YR024HR	smf-3b	318.2568	11.26
100YR024HR	smf-3b	318.5068	11.26
100YR024HR	smf-3b	318.7568	11.26
100YR024HR	smf-3b	319.0068	11.26
100YR024HR	smf-3b	319.2568	11.26
100YR024HR	smf-3b	319.5068	11.26
100YR024HR	smf-3b	319.7568	11.26
100YR024HR	smf-3b	320.0068	11.26
100YR024HR	smf-3b	320.2568	11.26
100YR024HR	smf-3b	320.5068	11.26
100YR024HR	smf-3b	320.7568	11.26
100YR024HR	smf-3b	321.0068	11.25
100YR024HR	smf-3b	321.2568	11.25
100YR024HR	smf-3b	321.5068	11.25
100YR024HR	smf-3b	321.7568	11.25
100YR024HR	smf-3b	322.0068	11.25
100YR024HR	smf-3b	322.2568	11.25
100YR024HR	smf-3b	322.5068	11.25
100YR024HR	smf-3b	322.7568	11.25
100YR024HR	smf-3b	323.0068	11.25
100YR024HR	smf-3b	323.2568	11.25
100YR024HR	smf-3b	323.5068	11.25
100YR024HR	smf-3b	323.7568	11.25
100YR024HR	smf-3b	324.0068	11.25
100YR024HR	smf-3b	324.2568	11.25
100YR024HR	smf-3b	324.5068	11.25
100YR024HR	smf-3b	324.7568	11.25
100YR024HR	smf-3b	325.0068	11.25
100YR024HR	smf-3b	325.2568	11.25
100YR024HR	smf-3b	325.5068	11.25
100YR024HR	smf-3b	325.7568	11.25

100yr-24hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR072HR	smf-1a	600.2558	12.46
100YR072HR	smf-1a	600.5058	12.46
100YR072HR	smf-1a	600.7558	12.46
100YR072HR	smf-1a	601.0058	12.46
100YR072HR	smf-1a	601.2558	12.46
100YR072HR	smf-1a	601.5058	12.45
100YR072HR	smf-1a	601.7558	12.45
100YR072HR	smf-1a	602.0058	12.45
100YR072HR	smf-1a	602.2558	12.45
100YR072HR	smf-1a	602.5058	12.45
100YR072HR	smf-1a	602.7558	12.45
100YR072HR	smf-1a	603.0058	12.45
100YR072HR	smf-1a	603.2558	12.45
100YR072HR	smf-1a	603.5058	12.45
100YR072HR	smf-1a	603.7558	12.45
100YR072HR	smf-1a	604.0058	12.45
100YR072HR	smf-1a	604.2558	12.45
100YR072HR	smf-1a	604.5058	12.45
100YR072HR	smf-1a	604.7558	12.45
100YR072HR	smf-1a	605.0058	12.45
100YR072HR	smf-1a	605.2558	12.45
100YR072HR	smf-1a	605.5058	12.45
100YR072HR	smf-1a	605.7558	12.45
100YR072HR	smf-1a	606.0058	12.45
100YR072HR	smf-1a	606.2558	12.45
100YR072HR	smf-1a	606.5058	12.45
100YR072HR	smf-1a	606.7558	12.45
100YR072HR	smf-1a	607.0058	12.45
100YR072HR	smf-1a	607.2558	12.45
100YR072HR	smf-1a	607.5058	12.45
100YR072HR	smf-1a	607.7558	12.45
100YR072HR	smf-1a	608.0058	12.45
100YR072HR	smf-1a	608.2558	12.45
100YR072HR	smf-1a	608.5058	12.45
100YR072HR	smf-1a	608.7558	12.45
100YR072HR	smf-1a	609.0058	12.45
100YR072HR	smf-1a	609.2558	12.45
100YR072HR	smf-1a	609.5058	12.45
100YR072HR	smf-1a	609.7558	12.45
100YR072HR	smf-1a	610.0058	12.45
100YR072HR	smf-1a	610.2558	12.45
100YR072HR	smf-1a	610.5058	12.45



100yr-72hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR072HR	smf-1b	427.5058	13.01
100YR072HR	smf-1b	427.7558	13.01
100YR072HR	smf-1b	428.0058	13.01
100YR072HR	smf-1b	428.2558	13.01
100YR072HR	smf-1b	428.5058	13.01
100YR072HR	smf-1b	428.7558	13.01
100YR072HR	smf-1b	429.0058	13.01
100YR072HR	smf-1b	429.2558	13.01
100YR072HR	smf-1b	429.5058	13.01
100YR072HR	smf-1b	429.7558	13.01
100YR072HR	smf-1b	430.0058	13.00
100YR072HR	smf-1b	430.2558	13.00
100YR072HR	smf-1b	430.5058	13.00
100YR072HR	smf-1b	430.7558	13.00
100YR072HR	smf-1b	431.0058	13.00
100YR072HR	smf-1b	431.2558	13.00
100YR072HR	smf-1b	431.5058	13.00
100YR072HR	smf-1b	431.7558	13.00
100YR072HR	smf-1b	432.0058	13.00
100YR072HR	smf-1b	432.2558	13.00
100YR072HR	smf-1b	432.5058	13.00
100YR072HR	smf-1b	432.7558	13.00
100YR072HR	smf-1b	433.0058	13.00
100YR072HR	smf-1b	433.2558	13.00
100YR072HR	smf-1b	433.5058	13.00
100YR072HR	smf-1b	433.7558	13.00
100YR072HR	smf-1b	434.0058	13.00
100YR072HR	smf-1b	434.2558	13.00
100YR072HR	smf-1b	434.5058	13.00
100YR072HR	smf-1b	434.7558	13.00
100YR072HR	smf-1b	435.0058	13.00
100YR072HR	smf-1b	435.2558	13.00
100YR072HR	smf-1b	435.5058	13.00
100YR072HR	smf-1b	435.7558	13.00
100YR072HR	smf-1b	436.0058	13.00
100YR072HR	smf-1b	436.2558	13.00
100YR072HR	smf-1b	436.5058	13.00
100YR072HR	smf-1b	436.7558	13.00
100YR072HR	smf-1b	437.0058	13.00
100YR072HR	smf-1b	437.2558	13.00
100YR072HR	smf-1b	437.5058	13.00
100YR072HR	smf-1b	437.7558	13.00

100yr-72hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR072HR	smf-2a	496.2558	12.11
100YR072HR	smf-2a	496.5058	12.11
100YR072HR	smf-2a	496.7558	12.11
100YR072HR	smf-2a	497.0058	12.11
100YR072HR	smf-2a	497.2558	12.11
100YR072HR	smf-2a	497.5058	12.11
100YR072HR	smf-2a	497.7558	12.11
100YR072HR	smf-2a	498.0058	12.11
100YR072HR	smf-2a	498.2558	12.11
100YR072HR	smf-2a	498.5058	12.11
100YR072HR	smf-2a	498.7558	12.11
100YR072HR	smf-2a	499.0058	12.11
100YR072HR	smf-2a	499.2558	12.11
100YR072HR	smf-2a	499.5058	12.11
100YR072HR	smf-2a	499.7558	12.11
100YR072HR	smf-2a	500.0058	12.11
100YR072HR	smf-2a	500.2558	12.11
100YR072HR	smf-2a	500.5058	12.11
100YR072HR	smf-2a	500.7558	12.11
100YR072HR	smf-2a	501.0058	12.11
100YR072HR	smf-2a	501.2558	12.11
100YR072HR	smf-2a	501.5058	12.11
100YR072HR	smf-2a	501.7558	12.11
100YR072HR	smf-2a	502.0058	12.11
100YR072HR	smf-2a	502.2558	12.11
100YR072HR	smf-2a	502.5058	12.11
100YR072HR	smf-2a	502.7558	12.11
100YR072HR	smf-2a	503.0058	12.11
100YR072HR	smf-2a	503.2558	12.11
100YR072HR	smf-2a	503.5058	12.11
100YR072HR	smf-2a	503.7558	12.11
100YR072HR	smf-2a	504.0058	12.10
100YR072HR	smf-2a	504.2558	12.10
100YR072HR	smf-2a	504.5058	12.10
100YR072HR	smf-2a	504.7558	12.10
100YR072HR	smf-2a	505.0058	12.10
100YR072HR	smf-2a	505.2558	12.10
100YR072HR	smf-2a	505.5058	12.10
100YR072HR	smf-2a	505.7558	12.10
100YR072HR	smf-2a	506.0058	12.10
100YR072HR	smf-2a	506.2558	12.10
100YR072HR	smf-2a	506.5058	12.10



100YR072HR smf-2a 504.0058 12.10

100yr-72hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR072HR	smf-2b	460.0058	11.41
100YR072HR	smf-2b	460.2558	11.41
100YR072HR	smf-2b	460.5058	11.41
100YR072HR	smf-2b	460.7558	11.41
100YR072HR	smf-2b	461.0058	11.41
100YR072HR	smf-2b	461.2558	11.41
100YR072HR	smf-2b	461.5058	11.41
100YR072HR	smf-2b	461.7558	11.41
100YR072HR	smf-2b	462.0058	11.41
100YR072HR	smf-2b	462.2558	11.41
100YR072HR	smf-2b	462.5058	11.41
100YR072HR	smf-2b	462.7558	11.41
100YR072HR	smf-2b	463.0058	11.41
100YR072HR	smf-2b	463.2558	11.41
100YR072HR	smf-2b	463.5058	11.41
100YR072HR	smf-2b	463.7558	11.41
100YR072HR	smf-2b	464.0058	11.41
100YR072HR	smf-2b	464.2558	11.41
100YR072HR	smf-2b	464.5058	11.41
100YR072HR	smf-2b	464.7558	11.41
100YR072HR	smf-2b	465.0058	11.41
100YR072HR	smf-2b	465.2558	11.41
100YR072HR	smf-2b	465.5058	11.41
100YR072HR	smf-2b	465.7558	11.41
100YR072HR	smf-2b	466.0058	11.41
100YR072HR	smf-2b	466.2558	11.40
100YR072HR	smf-2b	466.5058	11.40
100YR072HR	smf-2b	466.7558	11.40
100YR072HR	smf-2b	467.0058	11.40
100YR072HR	smf-2b	467.2558	11.40
100YR072HR	smf-2b	467.5058	11.40
100YR072HR	smf-2b	467.7558	11.40
100YR072HR	smf-2b	468.0058	11.40
100YR072HR	smf-2b	468.2558	11.40
100YR072HR	smf-2b	468.5058	11.40
100YR072HR	smf-2b	468.7558	11.40
100YR072HR	smf-2b	469.0058	11.40
100YR072HR	smf-2b	469.2558	11.40
100YR072HR	smf-2b	469.5058	11.40
100YR072HR	smf-2b	469.7558	11.40
100YR072HR	smf-2b	470.0058	11.40
100YR072HR	smf-2b	470.2558	11.40



100YR072HR smf-2b 466.2558 11.40

100yr-72hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR072HR	smf-2c	528.7558	11.86
100YR072HR	smf-2c	529.0058	11.86
100YR072HR	smf-2c	529.2558	11.86
100YR072HR	smf-2c	529.5058	11.86
100YR072HR	smf-2c	529.7558	11.86
100YR072HR	smf-2c	530.0058	11.86
100YR072HR	smf-2c	530.2558	11.86
100YR072HR	smf-2c	530.5058	11.86
100YR072HR	smf-2c	530.7558	11.86
100YR072HR	smf-2c	531.0058	11.86
100YR072HR	smf-2c	531.2558	11.86
100YR072HR	smf-2c	531.5058	11.86
100YR072HR	smf-2c	531.7558	11.86
100YR072HR	smf-2c	532.0058	11.86
100YR072HR	smf-2c	532.2558	11.86
100YR072HR	smf-2c	532.5058	11.86
100YR072HR	smf-2c	532.7558	11.86
100YR072HR	smf-2c	533.0058	11.86
100YR072HR	smf-2c	533.2558	11.86
100YR072HR	smf-2c	533.5058	11.86
100YR072HR	smf-2c	533.7558	11.86
100YR072HR	smf-2c	534.0058	11.86
100YR072HR	smf-2c	534.2558	11.86
100YR072HR	smf-2c	534.5058	11.86
100YR072HR	smf-2c	534.7558	11.86
100YR072HR	smf-2c	535.0058	11.86
100YR072HR	smf-2c	535.2558	11.86
100YR072HR	smf-2c	535.5058	11.86
100YR072HR	smf-2c	535.7558	11.86
100YR072HR	smf-2c	536.0058	11.85
100YR072HR	smf-2c	536.2558	11.85
100YR072HR	smf-2c	536.5058	11.85
100YR072HR	smf-2c	536.7558	11.85
100YR072HR	smf-2c	537.0058	11.85
100YR072HR	smf-2c	537.2558	11.85
100YR072HR	smf-2c	537.5058	11.85
100YR072HR	smf-2c	537.7558	11.85
100YR072HR	smf-2c	538.0058	11.85
100YR072HR	smf-2c	538.2558	11.85
100YR072HR	smf-2c	538.5058	11.85
100YR072HR	smf-2c	538.7558	11.85
100YR072HR	smf-2c	539.0058	11.85

100yr-72hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR072HR	smf-3a	545.0058	11.91
100YR072HR	smf-3a	545.2558	11.90
100YR072HR	smf-3a	545.5058	11.90
100YR072HR	smf-3a	545.7558	11.90
100YR072HR	smf-3a	546.0058	11.90
100YR072HR	smf-3a	546.2558	11.90
100YR072HR	smf-3a	546.5058	11.90
100YR072HR	smf-3a	546.7558	11.90
100YR072HR	smf-3a	547.0058	11.90
100YR072HR	smf-3a	547.2558	11.90
100YR072HR	smf-3a	547.5058	11.90
100YR072HR	smf-3a	547.7558	11.90
100YR072HR	smf-3a	548.0058	11.90
100YR072HR	smf-3a	548.2558	11.90
100YR072HR	smf-3a	548.5058	11.90
100YR072HR	smf-3a	548.7558	11.90
100YR072HR	smf-3a	549.0058	11.90
100YR072HR	smf-3a	549.2558	11.90
100YR072HR	smf-3a	549.5058	11.90
100YR072HR	smf-3a	549.7558	11.90
100YR072HR	smf-3a	550.0058	11.90
100YR072HR	smf-3a	550.2558	11.90
100YR072HR	smf-3a	550.5058	11.90
100YR072HR	smf-3a	550.7558	11.90
100YR072HR	smf-3a	551.0058	11.90
100YR072HR	smf-3a	551.2558	11.90
100YR072HR	smf-3a	551.5058	11.90
100YR072HR	smf-3a	551.7558	11.90
100YR072HR	smf-3a	552.0058	11.90
100YR072HR	smf-3a	552.2558	11.90
100YR072HR	smf-3a	552.5058	11.90
100YR072HR	smf-3a	552.7558	11.90
100YR072HR	smf-3a	553.0058	11.90
100YR072HR	smf-3a	553.2558	11.90
100YR072HR	smf-3a	553.5058	11.90
100YR072HR	smf-3a	553.7558	11.90
100YR072HR	smf-3a	554.0058	11.90
100YR072HR	smf-3a	554.2558	11.90
100YR072HR	smf-3a	554.5058	11.90
100YR072HR	smf-3a	554.7558	11.90
100YR072HR	smf-3a	555.0058	11.90
100YR072HR	smf-3a	555.2558	11.90

100yr-72hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
100YR072HR	smf-3b	634.7558	11.26
100YR072HR	smf-3b	635.0058	11.26
100YR072HR	smf-3b	635.2558	11.26
100YR072HR	smf-3b	635.5058	11.26
100YR072HR	smf-3b	635.7558	11.26
100YR072HR	smf-3b	636.0058	11.26
100YR072HR	smf-3b	636.2558	11.26
100YR072HR	smf-3b	636.5058	11.26
100YR072HR	smf-3b	636.7558	11.26
100YR072HR	smf-3b	637.0058	11.26
100YR072HR	smf-3b	637.2558	11.26
100YR072HR	smf-3b	637.5058	11.26
100YR072HR	smf-3b	637.7558	11.26
100YR072HR	smf-3b	638.0058	11.26
100YR072HR	smf-3b	638.2558	11.26
100YR072HR	smf-3b	638.5058	11.26
100YR072HR	smf-3b	638.7558	11.26
100YR072HR	smf-3b	639.0058	11.26
100YR072HR	smf-3b	639.2558	11.26
100YR072HR	smf-3b	639.5058	11.25
100YR072HR	smf-3b	639.7558	11.25
100YR072HR	smf-3b	640.0058	11.25
100YR072HR	smf-3b	640.2558	11.25
100YR072HR	smf-3b	640.5058	11.25
100YR072HR	smf-3b	640.7558	11.25
100YR072HR	smf-3b	641.0058	11.25
100YR072HR	smf-3b	641.2558	11.25
100YR072HR	smf-3b	641.5058	11.25
100YR072HR	smf-3b	641.7558	11.25
100YR072HR	smf-3b	642.0058	11.25
100YR072HR	smf-3b	642.2558	11.25
100YR072HR	smf-3b	642.5058	11.25
100YR072HR	smf-3b	642.7558	11.25
100YR072HR	smf-3b	643.0058	11.25
100YR072HR	smf-3b	643.2558	11.25
100YR072HR	smf-3b	643.5058	11.25
100YR072HR	smf-3b	643.7558	11.25
100YR072HR	smf-3b	644.0058	11.25
100YR072HR	smf-3b	644.2558	11.25
100YR072HR	smf-3b	644.5058	11.25
100YR072HR	smf-3b	644.7558	11.25
100YR072HR	smf-3b	645.0058	11.25

100yr-72hr SMF-3b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
MN024HR	smf-1a	84.0081	12.46
MN024HR	smf-1a	84.2581	12.46
MN024HR	smf-1a	84.5081	12.45
MN024HR	smf-1a	84.7581	12.45
MN024HR	smf-1a	85.0081	12.45
MN024HR	smf-1a	85.2581	12.45
MN024HR	smf-1a	85.5081	12.45
MN024HR	smf-1a	85.7581	12.45
MN024HR	smf-1a	86.0081	12.45
MN024HR	smf-1a	86.2581	12.45
MN024HR	smf-1a	86.5081	12.45
MN024HR	smf-1a	86.7581	12.45
MN024HR	smf-1a	87.0081	12.45
MN024HR	smf-1a	87.2581	12.45
MN024HR	smf-1a	87.5081	12.45
MN024HR	smf-1a	87.7581	12.45
MN024HR	smf-1a	88.0081	12.45
MN024HR	smf-1a	88.2581	12.45
MN024HR	smf-1a	88.5081	12.45
MN024HR	smf-1a	88.7581	12.45
MN024HR	smf-1a	89.0081	12.45
MN024HR	smf-1a	89.2581	12.45
MN024HR	smf-1a	89.5081	12.45
MN024HR	smf-1a	89.7581	12.45
MN024HR	smf-1a	90.0081	12.45
MN024HR	smf-1a	90.2581	12.45
MN024HR	smf-1a	90.5081	12.45
MN024HR	smf-1a	90.7581	12.45
MN024HR	smf-1a	91.0081	12.45
MN024HR	smf-1a	91.2581	12.45
MN024HR	smf-1a	91.5081	12.45
MN024HR	smf-1a	91.7581	12.45
MN024HR	smf-1a	92.0081	12.45
MN024HR	smf-1a	92.2581	12.45
MN024HR	smf-1a	92.5081	12.45
MN024HR	smf-1a	92.7581	12.45
MN024HR	smf-1a	93.0081	12.45
MN024HR	smf-1a	93.2581	12.45
MN024HR	smf-1a	93.5081	12.45
MN024HR	smf-1a	93.7581	12.45
MN024HR	smf-1a	94.0081	12.45
MN024HR	smf-1a	94.2581	12.45

MnAnn24hr SMF-1a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
MN024HR	smf-1b	169.2581	13.02
MN024HR	smf-1b	169.5081	13.02
MN024HR	smf-1b	169.7581	13.02
MN024HR	smf-1b	170.0081	13.02
MN024HR	smf-1b	170.2581	13.02
MN024HR	smf-1b	170.5081	13.02
MN024HR	smf-1b	170.7581	13.02
MN024HR	smf-1b	171.0081	13.02
MN024HR	smf-1b	171.2581	13.01
MN024HR	smf-1b	171.5081	13.01
MN024HR	smf-1b	171.7581	13.01
MN024HR	smf-1b	172.0081	13.01
MN024HR	smf-1b	172.2581	13.01
MN024HR	smf-1b	172.5081	13.01
MN024HR	smf-1b	172.7581	13.01
MN024HR	smf-1b	173.0081	13.01
MN024HR	smf-1b	173.2581	13.01
MN024HR	smf-1b	173.5081	13.01
MN024HR	smf-1b	173.7581	13.01
MN024HR	smf-1b	174.0081	13.01
MN024HR	smf-1b	174.2581	13.01
MN024HR	smf-1b	174.5081	13.01
MN024HR	smf-1b	174.7581	13.01
MN024HR	smf-1b	175.0081	13.01
MN024HR	smf-1b	175.2581	13.00
MN024HR	smf-1b	175.5081	13.00
MN024HR	smf-1b	175.7581	13.00
MN024HR	smf-1b	176.0081	13.00
MN024HR	smf-1b	176.2581	13.00
MN024HR	smf-1b	176.5081	13.00
MN024HR	smf-1b	176.7581	13.00
MN024HR	smf-1b	177.0081	13.00
MN024HR	smf-1b	177.2581	13.00
MN024HR	smf-1b	177.5081	13.00
MN024HR	smf-1b	177.7581	13.00
MN024HR	smf-1b	178.0081	13.00
MN024HR	smf-1b	178.2581	13.00
MN024HR	smf-1b	178.5081	13.00
MN024HR	smf-1b	178.7581	13.00
MN024HR	smf-1b	179.0081	13.00
MN024HR	smf-1b	179.2581	13.00
MN024HR	smf-1b	179.5081	13.00



MnAnn24hr SMF-1b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
MN024HR	smf-2a	233.5081	12.11
MN024HR	smf-2a	233.7581	12.11
MN024HR	smf-2a	234.0081	12.11
MN024HR	smf-2a	234.2581	12.11
MN024HR	smf-2a	234.5081	12.11
MN024HR	smf-2a	234.7581	12.11
MN024HR	smf-2a	235.0081	12.11
MN024HR	smf-2a	235.2581	12.11
MN024HR	smf-2a	235.5081	12.11
MN024HR	smf-2a	235.7581	12.11
MN024HR	smf-2a	236.0081	12.11
MN024HR	smf-2a	236.2581	12.11
MN024HR	smf-2a	236.5081	12.11
MN024HR	smf-2a	236.7581	12.11
MN024HR	smf-2a	237.0081	12.11
MN024HR	smf-2a	237.2581	12.11
MN024HR	smf-2a	237.5081	12.11
MN024HR	smf-2a	237.7581	12.11
MN024HR	smf-2a	238.0081	12.10
MN024HR	smf-2a	238.2581	12.10
MN024HR	smf-2a	238.5081	12.10
MN024HR	smf-2a	238.7581	12.10
MN024HR	smf-2a	239.0081	12.10
MN024HR	smf-2a	239.2581	12.10
MN024HR	smf-2a	239.5081	12.10
MN024HR	smf-2a	239.7581	12.10
MN024HR	smf-2a	240.0081	12.10
MN024HR	smf-2a	240.2581	12.10
MN024HR	smf-2a	240.5081	12.10
MN024HR	smf-2a	240.7581	12.10
MN024HR	smf-2a	241.0081	12.10
MN024HR	smf-2a	241.2581	12.10
MN024HR	smf-2a	241.5081	12.10
MN024HR	smf-2a	241.7581	12.10
MN024HR	smf-2a	242.0081	12.10
MN024HR	smf-2a	242.2581	12.10
MN024HR	smf-2a	242.5081	12.10
MN024HR	smf-2a	242.7581	12.10
MN024HR	smf-2a	243.0081	12.10
MN024HR	smf-2a	243.2581	12.10
MN024HR	smf-2a	243.5081	12.10
MN024HR	smf-2a	243.7581	12.10

MnAnn24hr SMF-2a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
MN024HR	smf-2b	192.7581	11.42
MN024HR	smf-2b	193.0081	11.42
MN024HR	smf-2b	193.2581	11.42
MN024HR	smf-2b	193.5081	11.42
MN024HR	smf-2b	193.7581	11.42
MN024HR	smf-2b	194.0081	11.42
MN024HR	smf-2b	194.2581	11.42
MN024HR	smf-2b	194.5081	11.41
MN024HR	smf-2b	194.7581	11.41
MN024HR	smf-2b	195.0081	11.41
MN024HR	smf-2b	195.2581	11.41
MN024HR	smf-2b	195.5081	11.41
MN024HR	smf-2b	195.7581	11.41
MN024HR	smf-2b	196.0081	11.41
MN024HR	smf-2b	196.2581	11.41
MN024HR	smf-2b	196.5081	11.41
MN024HR	smf-2b	196.7581	11.41
MN024HR	smf-2b	197.0081	11.41
MN024HR	smf-2b	197.2581	11.41
MN024HR	smf-2b	197.5081	11.41
MN024HR	smf-2b	197.7581	11.41
MN024HR	smf-2b	198.0081	11.41
MN024HR	smf-2b	198.2581	11.41
MN024HR	smf-2b	198.5081	11.41
MN024HR	smf-2b	198.7581	11.41
MN024HR	smf-2b	199.0081	11.40
MN024HR	smf-2b	199.2581	11.40
MN024HR	smf-2b	199.5081	11.40
MN024HR	smf-2b	199.7581	11.40
MN024HR	smf-2b	200.0081	11.40
MN024HR	smf-2b	200.2581	11.40
MN024HR	smf-2b	200.5081	11.40
MN024HR	smf-2b	200.7581	11.40
MN024HR	smf-2b	201.0081	11.40
MN024HR	smf-2b	201.2581	11.40
MN024HR	smf-2b	201.5081	11.40
MN024HR	smf-2b	201.7581	11.40
MN024HR	smf-2b	202.0081	11.40
MN024HR	smf-2b	202.2581	11.40
MN024HR	smf-2b	202.5081	11.40
MN024HR	smf-2b	202.7581	11.40
MN024HR	smf-2b	203.0081	11.40



MnAnn24hr SMF-2b

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
MN024HR	smf-2c	225.5081	11.86
MN024HR	smf-2c	225.7581	11.86
MN024HR	smf-2c	226.0081	11.86
MN024HR	smf-2c	226.2581	11.86
MN024HR	smf-2c	226.5081	11.86
MN024HR	smf-2c	226.7581	11.85
MN024HR	smf-2c	227.0081	11.85
MN024HR	smf-2c	227.2581	11.85
MN024HR	smf-2c	227.5081	11.85
MN024HR	smf-2c	227.7581	11.85
MN024HR	smf-2c	228.0081	11.85
MN024HR	smf-2c	228.2581	11.85
MN024HR	smf-2c	228.5081	11.85
MN024HR	smf-2c	228.7581	11.85
MN024HR	smf-2c	229.0081	11.85
MN024HR	smf-2c	229.2581	11.85
MN024HR	smf-2c	229.5081	11.85
MN024HR	smf-2c	229.7581	11.85
MN024HR	smf-2c	230.0081	11.85
MN024HR	smf-2c	230.2581	11.85
MN024HR	smf-2c	230.5081	11.85
MN024HR	smf-2c	230.7581	11.85
MN024HR	smf-2c	231.0081	11.85
MN024HR	smf-2c	231.2581	11.85
MN024HR	smf-2c	231.5081	11.85
MN024HR	smf-2c	231.7581	11.85
MN024HR	smf-2c	232.0081	11.85
MN024HR	smf-2c	232.2581	11.85
MN024HR	smf-2c	232.5081	11.85
MN024HR	smf-2c	232.7581	11.85
MN024HR	smf-2c	233.0081	11.85
MN024HR	smf-2c	233.2581	11.85
MN024HR	smf-2c	233.5081	11.85
MN024HR	smf-2c	233.7581	11.85
MN024HR	smf-2c	234.0081	11.85
MN024HR	smf-2c	234.2581	11.85
MN024HR	smf-2c	234.5081	11.85
MN024HR	smf-2c	234.7581	11.85
MN024HR	smf-2c	235.0081	11.85
MN024HR	smf-2c	235.2581	11.85
MN024HR	smf-2c	235.5081	11.85
MN024HR	smf-2c	235.7581	11.85

MnAnn24hr SMF-2c

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
MN024HR	smf-3a	226.7581	11.92
MN024HR	smf-3a	227.0081	11.92
MN024HR	smf-3a	227.2581	11.92
MN024HR	smf-3a	227.5081	11.92
MN024HR	smf-3a	227.7581	11.92
MN024HR	smf-3a	228.0081	11.92
MN024HR	smf-3a	228.2581	11.92
MN024HR	smf-3a	228.5081	11.92
MN024HR	smf-3a	228.7581	11.92
MN024HR	smf-3a	229.0081	11.92
MN024HR	smf-3a	229.2581	11.92
MN024HR	smf-3a	229.5081	11.92
MN024HR	smf-3a	229.7581	11.92
MN024HR	smf-3a	230.0081	11.92
MN024HR	smf-3a	230.2581	11.92
MN024HR	smf-3a	230.5081	11.92
MN024HR	smf-3a	230.7581	11.91
MN024HR	smf-3a	231.0081	11.91
MN024HR	smf-3a	231.2581	11.91
MN024HR	smf-3a	231.5081	11.91
MN024HR	smf-3a	231.7581	11.91
MN024HR	smf-3a	232.0081	11.91
MN024HR	smf-3a	232.2581	11.91
MN024HR	smf-3a	232.5081	11.91
MN024HR	smf-3a	232.7581	11.91
MN024HR	smf-3a	233.0081	11.91
MN024HR	smf-3a	233.2581	11.91
MN024HR	smf-3a	233.5081	11.91
MN024HR	smf-3a	233.7581	11.91
MN024HR	smf-3a	234.0081	11.91
MN024HR	smf-3a	234.2581	11.91
MN024HR	smf-3a	234.5081	11.91
MN024HR	smf-3a	234.7581	11.91
MN024HR	smf-3a	235.0081	11.91
MN024HR	smf-3a	235.2581	11.91
MN024HR	smf-3a	235.5081	11.91
MN024HR	smf-3a	235.7581	11.91
MN024HR	smf-3a	236.0081	11.91
MN024HR	smf-3a	236.2581	11.90
MN024HR	smf-3a	236.5081	11.90
MN024HR	smf-3a	236.7581	11.90
MN024HR	smf-3a	237.0081	11.90

MnAnn24hr SMF-3a

Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
MN024HR	smf-3b	259.5081	11.26
MN024HR	smf-3b	259.7581	11.26
MN024HR	smf-3b	260.0081	11.26
MN024HR	smf-3b	260.2581	11.26
MN024HR	smf-3b	260.5081	11.26
MN024HR	smf-3b	260.7581	11.26
MN024HR	smf-3b	261.0081	11.26
MN024HR	smf-3b	261.2581	11.25
MN024HR	smf-3b	261.5081	11.25
MN024HR	smf-3b	261.7581	11.25
MN024HR	smf-3b	262.0081	11.25
MN024HR	smf-3b	262.2581	11.25
MN024HR	smf-3b	262.5081	11.25
MN024HR	smf-3b	262.7581	11.25
MN024HR	smf-3b	263.0081	11.25
MN024HR	smf-3b	263.2581	11.25
MN024HR	smf-3b	263.5081	11.25
MN024HR	smf-3b	263.7581	11.25
MN024HR	smf-3b	264.0081	11.25
MN024HR	smf-3b	264.2581	11.25
MN024HR	smf-3b	264.5081	11.25
MN024HR	smf-3b	264.7581	11.25
MN024HR	smf-3b	265.0081	11.25
MN024HR	smf-3b	265.2581	11.25
MN024HR	smf-3b	265.5081	11.25
MN024HR	smf-3b	265.7581	11.25
MN024HR	smf-3b	266.0081	11.25
MN024HR	smf-3b	266.2581	11.25
MN024HR	smf-3b	266.5081	11.25
MN024HR	smf-3b	266.7581	11.25
MN024HR	smf-3b	267.0081	11.25
MN024HR	smf-3b	267.2581	11.25
MN024HR	smf-3b	267.5081	11.25
MN024HR	smf-3b	267.7581	11.25
MN024HR	smf-3b	268.0081	11.25
MN024HR	smf-3b	268.2581	11.25
MN024HR	smf-3b	268.5081	11.25
MN024HR	smf-3b	268.7581	11.25
MN024HR	smf-3b	269.0081	11.25
MN024HR	smf-3b	269.2581	11.25
MN024HR	smf-3b	269.5081	11.25
MN024HR	smf-3b	269.7581	11.25

MnAnn24hr SMF-3b

Inputs

Simple Basin: pre-1

Scenario: Icpr3
Node: pre-1
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH484
Peaking Factor: 484.0
Area: 1.2100 ac
Curve Number: 93.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: ws-1

Scenario: Icpr3
Node: smf-1a
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 999999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH484
Peaking Factor: 484.0
Area: 0.2500 ac
Curve Number: 98.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: ws-2

Scenario: Icpr3
Node: smf-2a
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 999999.00 cfs

Inputs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 0.5600 ac
 Curve Number: 98.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: ws-3

Scenario: lcp3
 Node: smf-3a
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 999999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: Uh484
 Peaking Factor: 484.0
 Area: 0.4300 ac
 Curve Number: 98.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Node: g-1

Scenario: lcp3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	99999.0000	0.00

Comment:

Inputs

Node: g-2

Scenario: Icpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	99999.0000	0.00

Comment:

Node: g-3

Scenario: Icpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 0.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	99999.0000	0.00

Comment:

Node: outfall

Scenario: Icpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 7.65 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	7.65
0	0	0	99999.0000	7.65

Comment:

Inputs

Node: pre-1

Scenario: Icpr3
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 14.00 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	14.00
0	0	0	99999.0000	14.00

Comment:

Node: smf-1a

Scenario: Icpr3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 12.45 ft
 Warning Stage: 14.40 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
12.45	0.00	0
12.53	0.00	87
12.62	0.00	173
12.70	0.01	260
12.78	0.01	347
12.87	0.01	433
12.95	0.01	521
13.03	0.02	693
13.12	0.02	862
13.20	0.02	1028
13.28	0.03	1190
13.37	0.03	1347
13.45	0.03	1500
13.53	0.04	1645
13.62	0.04	1784
13.70	0.04	1913

Comment:

Node: smf-1b

Scenario: Icpr3
 Type: Stage/Volume
 Base Flow: 0.00 cfs

Inputs

Initial Stage: 13.00 ft
Warning Stage: 14.75 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
13.00	0.00	0
13.08	0.00	32
13.17	0.00	64
13.25	0.00	96
13.33	0.00	129
13.42	0.00	161
13.50	0.00	193
13.58	0.01	255
13.67	0.01	316
13.75	0.01	376
13.83	0.01	434
13.92	0.01	491
14.00	0.01	546
14.08	0.01	599
14.17	0.01	649
14.25	0.02	697
14.33	0.02	738
14.42	0.02	775
14.50	0.02	809
14.58	0.02	841
14.67	0.02	873
14.75	0.02	905
14.83	0.02	937
14.92	0.02	969
15.00	0.02	1001

Comment:

Node: smf-2a

Scenario: Icp3
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 12.10 ft
Warning Stage: 14.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
12.10	0.00	0
12.18	0.00	149
12.27	0.01	298
12.35	0.01	446
12.43	0.01	595
12.52	0.02	744
12.60	0.02	892

Inputs

Stage [ft]	Volume [ac-ft]	Volume [ft3]
12.68	0.03	1191
12.77	0.03	1485
12.85	0.04	1772
12.93	0.05	2052
13.02	0.05	2324
13.10	0.06	2587
13.18	0.07	2840
13.27	0.07	3079
13.35	0.08	3302
13.43	0.08	3500
13.52	0.08	3671
13.60	0.09	3828
13.68	0.09	3977
13.77	0.09	4126
13.85	0.10	4275
13.93	0.10	4423
14.02	0.10	4572
14.10	0.11	4721

Comment:

Node: smf-2b

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.40 ft
 Warning Stage: 13.30 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.40	0.00	0
11.48	0.00	48
11.57	0.00	97
11.65	0.00	145
11.73	0.00	194
11.82	0.01	243
11.90	0.01	291
11.98	0.01	382
12.07	0.01	471
12.15	0.01	558
12.23	0.01	643
12.32	0.02	726
12.40	0.02	806
12.48	0.02	884
12.57	0.02	958
12.65	0.02	1027
12.73	0.03	1089

Inputs

Stage [ft]	Volume [ac-ft]	Volume [ft3]
12.82	0.03	1144
12.90	0.03	1195
12.98	0.03	1244
13.07	0.03	1292
13.15	0.03	1341
13.23	0.03	1389
13.32	0.03	1438
13.40	0.03	1486

Comment:

Node: smf-2c

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.85 ft
 Warning Stage: 14.30 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.85	0.00	0
11.93	0.00	68
12.02	0.00	136
12.10	0.00	205
12.18	0.01	273
12.27	0.01	341
12.35	0.01	409
12.43	0.01	537
12.52	0.02	662
12.60	0.02	785
12.68	0.02	904
12.77	0.02	1021
12.85	0.03	1134
12.93	0.03	1243
13.02	0.03	1347
13.10	0.03	1444
13.18	0.04	1532
13.27	0.04	1609
13.35	0.04	1681
13.43	0.04	1749
13.52	0.04	1817
13.60	0.04	1885
13.68	0.04	1954
13.77	0.05	2022
13.85	0.05	2090

Comment:

Inputs

Node: smf-3a

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.90 ft
 Warning Stage: 13.80 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.90	0.00	0
11.98	0.00	44
12.07	0.00	88
12.15	0.00	132
12.23	0.00	175
12.32	0.01	219
12.40	0.01	263
12.48	0.01	348
12.57	0.01	433
12.65	0.01	515
12.73	0.01	595
12.82	0.02	673
12.90	0.02	749
12.98	0.02	822
13.07	0.02	891
13.15	0.02	955
13.23	0.02	1013
13.32	0.02	1063
13.40	0.03	1109
13.48	0.03	1153
13.57	0.03	1197
13.65	0.03	1240
13.73	0.03	1284
13.82	0.03	1328
13.90	0.03	1372

Comment:

Node: smf-3b

Scenario: Icp3
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 11.25 ft
 Warning Stage: 13.10 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.25	0.00	0
11.33	0.00	44
11.42	0.00	88

Inputs

Stage [ft]	Volume [ac-ft]	Volume [ft3]
11.50	0.00	132
11.58	0.00	175
11.67	0.01	219
11.75	0.01	263
11.83	0.01	348
11.92	0.01	433
12.00	0.01	515
12.08	0.01	595
12.17	0.02	673
12.25	0.02	749
12.33	0.02	822
12.42	0.02	891
12.50	0.02	955
12.58	0.02	1013
12.67	0.02	1063
12.75	0.03	1109
12.83	0.03	1153
12.92	0.03	1197
13.00	0.03	1240
13.08	0.03	1284
13.17	0.03	1328
13.25	0.03	1372

Comment:

Drop Structure Link: ds-1	Upstream Pipe	Downstream Pipe
Scenario: Icp3	Invert: 13.00 ft	Invert: 12.25 ft
From Node: smf-1a	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2a	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Solution: Combine	Default: 0.00 ft	Default: 0.00 ft
Increments: 10	Op Table:	Op Table:
Pipe Count: 1	Ref Node:	Ref Node:
Damping: 0.0000 ft	Manning's N: 0.0000	Manning's N: 0.0000
Length: 15.00 ft	Top Clip	
FHWA Code: 1	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef: 0.00	Op Table:	Op Table:
Exit Loss Coef: 1.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Location: 0.00 dec		
Energy Switch: Energy		

Pipe Comment:

Weir Component
Weir: 1
Bottom Clip

Inputs

Weir Count:	1	
Weir Flow Direction:	Both	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:
Weir Type:	Sharp Crested Vertical	Ref Node:
Geometry Type:	Rectangular	Top Clip
Invert:	13.70 ft	Default: 0.00 ft
Control Elevation:	13.70 ft	Op Table:
Max Depth:	1.50 ft	Ref Node:
Max Width:	1.50 ft	Discharge Coefficients
Fillet:	0.00 ft	Weir Default: 3.200
		Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Weir Comment:

Drop Structure Comment:

Drop Structure Link: ds-2	Upstream Pipe	Downstream Pipe
Scenario: lcpr3	Invert: 11.40 ft	Invert: 6.40 ft
From Node: smf-2a	Manning's N: 0.0110	Manning's N: 0.0110
To Node: outfall	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.50 ft	Max Depth: 1.50 ft
Flow Direction: Both	Bottom Clip	
Solution: Combine	Default: 0.00 ft	Default: 0.00 ft
Increments: 10	Op Table:	Op Table:
Pipe Count: 1	Ref Node:	Ref Node:
Damping: 0.0000 ft	Manning's N: 0.0000	Manning's N: 0.0000
Length: 20.00 ft	Top Clip	
FHWA Code: 1	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef: 0.00	Op Table:	Op Table:
Exit Loss Coef: 1.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Location: 0.00 dec		
Energy Switch: Energy		

Pipe Comment:

Weir Component	
Weir: 1	Bottom Clip
Weir Count: 1	Default: 0.00 ft
Weir Flow Direction: Both	Op Table:
Damping: 0.0000 ft	Ref Node:
Weir Type: Sharp Crested Vertical	Top Clip
Geometry Type: Rectangular	Default: 0.00 ft
Invert: 12.77 ft	Op Table:
Control Elevation: 12.77 ft	Ref Node:
Max Depth: 0.90 ft	Discharge Coefficients
Max Width: 3.50 ft	Weir Default: 3.200

Inputs

Fillet: 0.00 ft

Weir Table:
Orifice Default: 0.600
Orifice Table:

Weir Comment:

Drop Structure Comment:

Drop Structure Link: ds-3	Upstream Pipe	Downstream Pipe
Scenario: Icp3	Invert: 12.00 ft	Invert: 11.90 ft
From Node: smf-3a	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2b	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Solution: Combine	Default: 0.00 ft	Default: 0.00 ft
Increments: 10	Op Table:	Op Table:
Pipe Count: 1	Ref Node:	Ref Node:
Damping: 0.0000 ft	Manning's N: 0.0000	Manning's N: 0.0000
Length: 29.00 ft	Top Clip	
FHWA Code: 1	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef: 0.00	Op Table:	Op Table:
Exit Loss Coef: 1.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Location: 0.00 dec		
Energy Switch: Energy		

Pipe Comment:

Weir Component	
Weir: 1	Bottom Clip
Weir Count: 1	Default: 0.00 ft
Weir Flow Direction: Both	Op Table:
Damping: 0.0000 ft	Ref Node:
Weir Type: Sharp Crested Vertical	Top Clip
Geometry Type: Rectangular	Default: 0.00 ft
Invert: 12.90 ft	Op Table:
Control Elevation: 12.90 ft	Ref Node:
Max Depth: 0.35 ft	Discharge Coefficients
Max Width: 3.50 ft	Weir Default: 3.200
Fillet: 0.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Weir Comment:

Drop Structure Comment:

Inputs

Percolation Link: perc-1a

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-1a	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-1	Perimeter 1:	214.00 ft
Link Count:	1	Perimeter 2:	215.00 ft
Flow Direction:	Both	Perimeter 3:	216.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	20.00 ft
Water Table Elevation:	11.45 ft	Distance P2 to P3:	180.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-1b

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-1b	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-1	Perimeter 1:	130.00 ft
Link Count:	1	Perimeter 2:	131.00 ft
Flow Direction:	Both	Perimeter 3:	132.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	20.00 ft
Water Table Elevation:	12.00 ft	Distance P2 to P3:	180.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-2a

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-2a	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-2	Perimeter 1:	338.00 ft
Link Count:	1	Perimeter 2:	339.00 ft
Flow Direction:	Both	Perimeter 3:	340.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	20.00 ft
Water Table Elevation:	11.09 ft	Distance P2 to P3:	180.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Inputs

Percolation Link: perc-2b

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-2b	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-2	Perimeter 1:	158.00 ft
Link Count:	1	Perimeter 2:	159.00 ft
Flow Direction:	Both	Perimeter 3:	160.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	20.00 ft
Water Table Elevation:	10.38 ft	Distance P2 to P3:	180.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-2c

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-2c	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-2	Perimeter 1:	175.00 ft
Link Count:	1	Perimeter 2:	176.00 ft
Flow Direction:	Both	Perimeter 3:	177.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	20.00 ft
Water Table Elevation:	10.85 ft	Distance P2 to P3:	180.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: perc-3

Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-3b	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-3	Perimeter 1:	144.00 ft
Link Count:	1	Perimeter 2:	145.00 ft
Flow Direction:	Both	Perimeter 3:	146.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	10.00 ft
Water Table Elevation:	10.22 ft	Distance P2 to P3:	180.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Inputs

Percolation Link: perc-3a			
Scenario:	Icpr3	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	smf-3a	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	g-3	Perimeter 1:	145.00 ft
Link Count:	1	Perimeter 2:	146.00 ft
Flow Direction:	Both	Perimeter 3:	147.00 ft
Aquifer Base Elevation:	0.00 ft	Distance P1 to P2:	20.00 ft
Water Table Elevation:	10.88 ft	Distance P2 to P3:	180.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	3.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	10.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Pipe Link: pipe-1b	Upstream	Downstream
Scenario:	Icpr3	Invert: 12.95 ft
From Node:	smf-1b	Manning's N: 0.0110
To Node:	smf-1a	Manning's N: 0.0110
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.25 ft
Damping:	0.0000 ft	Bottom Clip
Length:	23.00 ft	Default: 0.00 ft
FHWA Code:	0	Op Table:
Entr Loss Coef:	0.00	Ref Node:
Exit Loss Coef:	0.00	Manning's N: 0.0000
Bend Loss Coef:	0.00	Top Clip
Bend Location:	0.00 dec	Default: 0.00 ft
Energy Switch:	Energy	Op Table:
		Ref Node:
		Manning's N: 0.0000

Comment:

Pipe Link: pipe-2a	Upstream	Downstream
Scenario:	Icpr3	Invert: 12.60 ft
From Node:	smf-2b	Manning's N: 0.0110
To Node:	smf-2a	Manning's N: 0.0110
Link Count:	1	Geometry: Circular
Flow Direction:	Both	Max Depth: 1.25 ft
Damping:	0.0000 ft	Bottom Clip
Length:	5.00 ft	Default: 0.00 ft
FHWA Code:	0	Op Table:
Entr Loss Coef:	0.00	Ref Node:
Exit Loss Coef:	0.00	Manning's N: 0.0000
Bend Loss Coef:	0.00	Top Clip
Bend Location:	0.00 dec	Default: 0.00 ft
		Op Table:

Inputs

Energy Switch: Energy

Ref Node:
Manning's N: 0.0000

Ref Node:
Manning's N: 0.0000

Comment:

Pipe Link: pipe-2b	Upstream	Downstream
Scenario: Icp3	Invert: 12.35 ft	Invert: 12.35 ft
From Node: smf-2c	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2b	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 20.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: pipe-2c	Upstream	Downstream
Scenario: Icp3	Invert: 12.60 ft	Invert: 12.60 ft
From Node: smf-2c	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-2a	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 5.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: pipe-3b	Upstream	Downstream
Scenario: Icp3	Invert: 13.00 ft	Invert: 11.75 ft
From Node: smf-3a	Manning's N: 0.0110	Manning's N: 0.0110
To Node: smf-3b	Geometry: Circular	Geometry: Circular

Inputs

Link Count: 1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 5.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Simulation: 003YR001HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 12:24:28 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Save Restart: False

Inputs

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: ~FDOT-1
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.60 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy

Comment:

Simulation: 003YR002HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 12:33:53 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Inputs

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 2.0000 hr

Smp/Man Basin Rain Opt: Global

Rainfall Name: ~FDOT-2
Rainfall Amount: 3.10 in
Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 003YR004HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 12:44:19 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
 Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 4.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 3.60 in
 Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 003YR008HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 12:55:16 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 8.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-8
Rainfall Amount: 4.30 in
Storm Duration: 8.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 003YR024HR

Scenario: Icp3
Run Date/Time: 9/15/2023 1:06:38 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
	Rainfall Amount: 5.80 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 003YR072HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 1:16:41 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 72.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-72
 Rainfall Amount: 7.60 in
 Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 005YR001HR
 Scenario: Icpr3
 Run Date/Time: 9/15/2023 1:27:09 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 1.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-1
Rainfall Amount: 2.80 in
Storm Duration: 1.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 005YR002HR

Scenario: Icpr3
Run Date/Time: 9/15/2023 1:39:27 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 2.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-2
	Rainfall Amount: 3.40 in
Edge Length Option: Automatic	Storm Duration: 2.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 005YR004HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 1:48:58 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 IA Recovery Time: 4.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 4.10 in
 Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 005YR008HR
 Scenario: Icpr3
 Run Date/Time: 9/15/2023 2:02:33 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 8.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-8
Rainfall Amount: 4.80 in
Storm Duration: 8.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 005YR024HR

Scenario: Icpr3
Run Date/Time: 9/15/2023 2:12:19 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
	Rainfall Amount: 6.50 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 005YR072HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 2:22:32 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec

IA Recovery Time: 72.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-72
 Rainfall Amount: 8.00 in
 Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR001HR
 Scenario: Icpr3
 Run Date/Time: 9/15/2023 2:33:03 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
Edge Length Option: Automatic	Rainfall Amount: 3.10 in
	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy

Comment:

Simulation: 010YR002HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 2:42:33 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 2.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-2
	Rainfall Amount: 3.80 in
Edge Length Option: Automatic	Storm Duration: 2.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 010YR004HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 2:52:06 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 IA Recovery Time: 4.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 4.60 in
 Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR008HR
 Scenario: Icpr3
 Run Date/Time: 9/15/2023 3:03:02 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 8.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-8
Rainfall Amount: 5.60 in
Storm Duration: 8.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 010YR024HR

Scenario: Icp3
Run Date/Time: 9/15/2023 3:12:44 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
	Rainfall Amount: 7.60 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 010YR072HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 3:23:36 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 72.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-72
 Rainfall Amount: 8.90 in
 Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 025YR001HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 3:33:54 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: ~FDOT-1
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.60 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy

Comment:

Simulation: 025YR002HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 3:44:08 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 2.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-2
	Rainfall Amount: 4.30 in
Edge Length Option: Automatic	Storm Duration: 2.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 025YR004HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 3:53:58 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 IA Recovery Time: 4.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 5.20 in
 Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 025YR008HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 4:03:24 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 8.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-8
Rainfall Amount: 6.20 in
Storm Duration: 8.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 025YR024HR

Scenario: Icpr3
Run Date/Time: 9/15/2023 4:13:09 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 60.0000 60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000
0	0	0	999999.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3

 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
	Rainfall Amount: 8.50 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 113 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 025YR072HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 4:28:29 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 72.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-72
 Rainfall Amount: 11.00 in
 Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 050YR001HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 4:39:04 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
Edge Length Option: Automatic	Rainfall Amount: 4.00 in
	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy

Comment:

Simulation: 050YR002HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 4:48:27 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

 Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 2.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-2
	Rainfall Amount: 4.90 in
Edge Length Option: Automatic	Storm Duration: 2.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 050YR004YR

Scenario: Icp3
 Run Date/Time: 9/15/2023 4:59:04 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 IA Recovery Time: 4.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 5.80 in
 Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 050YR008HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 5:08:59 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 8.0000 hr

Smp/Man Basin Rain Global
Opt:

Rainfall Name: ~FDOT-8
Rainfall Amount: 7.00 in
Storm Duration: 8.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 050YR024HR

Scenario: Icpr3
Run Date/Time: 9/15/2023 5:18:28 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
	Rainfall Amount: 9.60 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 050YR072HR

Scenario: Icp3
 Run Date/Time: 9/15/2023 5:28:25 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec

IA Recovery Time: 72.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-72
 Rainfall Amount: 12.00 in
 Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR001HR
 Scenario: Icpr3
 Run Date/Time: 9/15/2023 5:38:39 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	721.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	99999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
 Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 1.0000 hr
Max Iterations: 6	
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-1
Edge Length Option: Automatic	Rainfall Amount: 4.40 in
	Storm Duration: 1.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy

Comment:

Simulation: 100YR002HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 5:48:02 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	722.0000

Hydrology [sec]	Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 2.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-2
	Rainfall Amount: 5.40 in
Edge Length Option: Automatic	Storm Duration: 2.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 100YR004YR

Scenario: Icp3
 Run Date/Time: 9/15/2023 5:58:02 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	724.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3
 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 IA Recovery Time: 4.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-4
 Rainfall Amount: 6.50 in
 Storm Duration: 4.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR008HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 6:07:43 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	728.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3

Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 8.0000 hr

Smp/Man Basin Rain Opt: Global

Rainfall Name: ~FDOT-8
Rainfall Amount: 7.50 in
Storm Duration: 8.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 100YR024HR

Scenario: Icpr3
Run Date/Time: 9/15/2023 6:17:33 PM
Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

Hydrology [sec] Surface Hydraulics [sec]

Inputs

Min Calculation Time: 60.0000 0.1000
 Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

 Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
	Rainfall Amount: 11.10 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
	Dflt Damping (1D): 0.0050 ft
	Min Node Srf Area (1D): 100 ft2
	(1D):
	Energy Switch (1D): Energy

Comment:

Inputs

Simulation: 100YR072HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 6:27:25 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	792.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
 Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec

IA Recovery Time: 72.0000 hr

Inputs

Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic

Smp/Man Basin Rain Global
 Opt:
 Rainfall Name: ~FDOT-72
 Rainfall Amount: 13.80 in
 Storm Duration: 72.0000 hr

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment:

Simulation: MNO24HR

Scenario: Icpr3
 Run Date/Time: 9/15/2023 6:37:51 PM
 Program Version: ICPR4 4.07.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	744.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	9999999.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	999999999.0000	15.0000

Restart File

Inputs

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icp3

Unit Hydrograph Folder: Icp3

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain Opt: Global

Rainfall Name: ~FLMOD
Rainfall Amount: 4.70 in
Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	0.0000	13.70
WQTV	smf-1a	0.2503	13.60
WQTV	smf-1a	0.5010	13.49
WQTV	smf-1a	0.7522	13.39
WQTV	smf-1a	1.0013	13.32
WQTV	smf-1a	1.2534	13.29
WQTV	smf-1a	1.5063	13.26
WQTV	smf-1a	1.7549	13.24
WQTV	smf-1a	2.0038	13.23
WQTV	smf-1a	2.2522	13.21
WQTV	smf-1a	2.5005	13.20
WQTV	smf-1a	2.7505	13.19
WQTV	smf-1a	3.0005	13.18
WQTV	smf-1a	3.2505	13.17
WQTV	smf-1a	3.5005	13.16
WQTV	smf-1a	3.7505	13.15
WQTV	smf-1a	4.0005	13.14
WQTV	smf-1a	4.2505	13.13
WQTV	smf-1a	4.5005	13.12
WQTV	smf-1a	4.7505	13.12
WQTV	smf-1a	5.0005	13.11
WQTV	smf-1a	5.2505	13.10
WQTV	smf-1a	5.5005	13.10
WQTV	smf-1a	5.7505	13.09
WQTV	smf-1a	6.0005	13.08
WQTV	smf-1a	6.2505	13.08
WQTV	smf-1a	6.5005	13.07
WQTV	smf-1a	6.7505	13.07
WQTV	smf-1a	7.0005	13.06
WQTV	smf-1a	7.2505	13.05
WQTV	smf-1a	7.5005	13.05
WQTV	smf-1a	7.7505	13.04
WQTV	smf-1a	8.0005	13.04
WQTV	smf-1a	8.2505	13.03
WQTV	smf-1a	8.5005	13.03
WQTV	smf-1a	8.7505	13.02
WQTV	smf-1a	9.0005	13.02
WQTV	smf-1a	9.2505	13.02
WQTV	smf-1a	9.5005	13.01
WQTV	smf-1a	9.7505	13.01
WQTV	smf-1a	10.0005	13.00
WQTV	smf-1a	10.2505	13.00

SMF-1a WQTV begin

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	10.5005	12.99
WQTV	smf-1a	10.7505	12.99
WQTV	smf-1a	11.0005	12.98
WQTV	smf-1a	11.2505	12.98
WQTV	smf-1a	11.5005	12.98
WQTV	smf-1a	11.7505	12.97
WQTV	smf-1a	12.0005	12.97
WQTV	smf-1a	12.2505	12.96
WQTV	smf-1a	12.5005	12.96
WQTV	smf-1a	12.7505	12.95
WQTV	smf-1a	13.0005	12.95
WQTV	smf-1a	13.2505	12.95
WQTV	smf-1a	13.5005	12.94
WQTV	smf-1a	13.7505	12.94
WQTV	smf-1a	14.0005	12.93
WQTV	smf-1a	14.2505	12.93
WQTV	smf-1a	14.5005	12.92
WQTV	smf-1a	14.7505	12.92
WQTV	smf-1a	15.0005	12.92
WQTV	smf-1a	15.2505	12.91
WQTV	smf-1a	15.5005	12.91
WQTV	smf-1a	15.7505	12.90
WQTV	smf-1a	16.0005	12.90
WQTV	smf-1a	16.2505	12.89
WQTV	smf-1a	16.5005	12.89
WQTV	smf-1a	16.7505	12.88
WQTV	smf-1a	17.0005	12.88
WQTV	smf-1a	17.2505	12.87
WQTV	smf-1a	17.5005	12.87
WQTV	smf-1a	17.7505	12.86
WQTV	smf-1a	18.0005	12.86
WQTV	smf-1a	18.2505	12.85
WQTV	smf-1a	18.5005	12.85
WQTV	smf-1a	18.7505	12.85
WQTV	smf-1a	19.0005	12.84
WQTV	smf-1a	19.2505	12.84
WQTV	smf-1a	19.5005	12.83
WQTV	smf-1a	19.7505	12.83
WQTV	smf-1a	20.0005	12.82
WQTV	smf-1a	20.2505	12.82
WQTV	smf-1a	20.5005	12.82
WQTV	smf-1a	20.7505	12.81

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	21.0005	12.81
WQTV	smf-1a	21.2505	12.80
WQTV	smf-1a	21.5005	12.80
WQTV	smf-1a	21.7505	12.80
WQTV	smf-1a	22.0005	12.79
WQTV	smf-1a	22.2505	12.79
WQTV	smf-1a	22.5005	12.78
WQTV	smf-1a	22.7505	12.78
WQTV	smf-1a	23.0005	12.78
WQTV	smf-1a	23.2505	12.77
WQTV	smf-1a	23.5005	12.77
WQTV	smf-1a	23.7505	12.77
WQTV	smf-1a	24.0005	12.76
WQTV	smf-1a	24.2505	12.76
WQTV	smf-1a	24.5005	12.76
WQTV	smf-1a	24.7505	12.75
WQTV	smf-1a	25.0005	12.75
WQTV	smf-1a	25.2505	12.75
WQTV	smf-1a	25.5005	12.74
WQTV	smf-1a	25.7505	12.74
WQTV	smf-1a	26.0005	12.74
WQTV	smf-1a	26.2505	12.73
WQTV	smf-1a	26.5005	12.73
WQTV	smf-1a	26.7505	12.73
WQTV	smf-1a	27.0005	12.72
WQTV	smf-1a	27.2505	12.72
WQTV	smf-1a	27.5005	12.72
WQTV	smf-1a	27.7505	12.71
WQTV	smf-1a	28.0005	12.71
WQTV	smf-1a	28.2505	12.71
WQTV	smf-1a	28.5005	12.71
WQTV	smf-1a	28.7505	12.70
WQTV	smf-1a	29.0005	12.70
WQTV	smf-1a	29.2505	12.70
WQTV	smf-1a	29.5005	12.70
WQTV	smf-1a	29.7505	12.69
WQTV	smf-1a	30.0005	12.69
WQTV	smf-1a	30.2505	12.69
WQTV	smf-1a	30.5005	12.68
WQTV	smf-1a	30.7505	12.68
WQTV	smf-1a	31.0005	12.68
WQTV	smf-1a	31.2505	12.68

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	31.5005	12.67
WQTV	smf-1a	31.7505	12.67
WQTV	smf-1a	32.0005	12.67
WQTV	smf-1a	32.2505	12.67
WQTV	smf-1a	32.5005	12.66
WQTV	smf-1a	32.7505	12.66
WQTV	smf-1a	33.0005	12.66
WQTV	smf-1a	33.2505	12.66
WQTV	smf-1a	33.5005	12.65
WQTV	smf-1a	33.7505	12.65
WQTV	smf-1a	34.0005	12.65
WQTV	smf-1a	34.2505	12.65
WQTV	smf-1a	34.5005	12.65
WQTV	smf-1a	34.7505	12.64
WQTV	smf-1a	35.0005	12.64
WQTV	smf-1a	35.2505	12.64
WQTV	smf-1a	35.5005	12.64
WQTV	smf-1a	35.7505	12.63
WQTV	smf-1a	36.0005	12.63
WQTV	smf-1a	36.2505	12.63
WQTV	smf-1a	36.5005	12.63
WQTV	smf-1a	36.7505	12.62
WQTV	smf-1a	37.0005	12.62
WQTV	smf-1a	37.2505	12.62
WQTV	smf-1a	37.5005	12.62
WQTV	smf-1a	37.7505	12.62
WQTV	smf-1a	38.0005	12.61
WQTV	smf-1a	38.2505	12.61
WQTV	smf-1a	38.5005	12.61
WQTV	smf-1a	38.7505	12.61
WQTV	smf-1a	39.0005	12.61
WQTV	smf-1a	39.2505	12.60
WQTV	smf-1a	39.5005	12.60
WQTV	smf-1a	39.7505	12.60
WQTV	smf-1a	40.0005	12.60
WQTV	smf-1a	40.2505	12.60
WQTV	smf-1a	40.5005	12.59
WQTV	smf-1a	40.7505	12.59
WQTV	smf-1a	41.0005	12.59
WQTV	smf-1a	41.2505	12.59
WQTV	smf-1a	41.5005	12.59
WQTV	smf-1a	41.7505	12.58

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	42.0005	12.58
WQTV	smf-1a	42.2505	12.58
WQTV	smf-1a	42.5005	12.58
WQTV	smf-1a	42.7505	12.58
WQTV	smf-1a	43.0005	12.57
WQTV	smf-1a	43.2505	12.57
WQTV	smf-1a	43.5005	12.57
WQTV	smf-1a	43.7505	12.57
WQTV	smf-1a	44.0005	12.57
WQTV	smf-1a	44.2505	12.57
WQTV	smf-1a	44.5005	12.56
WQTV	smf-1a	44.7505	12.56
WQTV	smf-1a	45.0005	12.56
WQTV	smf-1a	45.2505	12.56
WQTV	smf-1a	45.5005	12.56
WQTV	smf-1a	45.7505	12.55
WQTV	smf-1a	46.0005	12.55
WQTV	smf-1a	46.2505	12.55
WQTV	smf-1a	46.5005	12.55
WQTV	smf-1a	46.7505	12.55
WQTV	smf-1a	47.0005	12.55
WQTV	smf-1a	47.2505	12.54
WQTV	smf-1a	47.5005	12.54
WQTV	smf-1a	47.7505	12.54
WQTV	smf-1a	48.0005	12.54
WQTV	smf-1a	48.2505	12.54
WQTV	smf-1a	48.5005	12.54
WQTV	smf-1a	48.7505	12.54
WQTV	smf-1a	49.0005	12.53
WQTV	smf-1a	49.2505	12.53
WQTV	smf-1a	49.5005	12.53
WQTV	smf-1a	49.7505	12.53
WQTV	smf-1a	50.0005	12.53
WQTV	smf-1a	50.2505	12.53
WQTV	smf-1a	50.5005	12.52
WQTV	smf-1a	50.7505	12.52
WQTV	smf-1a	51.0005	12.52
WQTV	smf-1a	51.2505	12.52
WQTV	smf-1a	51.5005	12.52
WQTV	smf-1a	51.7505	12.52
WQTV	smf-1a	52.0005	12.52
WQTV	smf-1a	52.2505	12.51

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	52.5005	12.51
WQTV	smf-1a	52.7505	12.51
WQTV	smf-1a	53.0005	12.51
WQTV	smf-1a	53.2505	12.51
WQTV	smf-1a	53.5005	12.51
WQTV	smf-1a	53.7505	12.51
WQTV	smf-1a	54.0005	12.50
WQTV	smf-1a	54.2505	12.50
WQTV	smf-1a	54.5005	12.50
WQTV	smf-1a	54.7505	12.50
WQTV	smf-1a	55.0005	12.50
WQTV	smf-1a	55.2505	12.50
WQTV	smf-1a	55.5005	12.50
WQTV	smf-1a	55.7505	12.49
WQTV	smf-1a	56.0005	12.49
WQTV	smf-1a	56.2505	12.49
WQTV	smf-1a	56.5005	12.49
WQTV	smf-1a	56.7505	12.49
WQTV	smf-1a	57.0005	12.49
WQTV	smf-1a	57.2505	12.49
WQTV	smf-1a	57.5005	12.49
WQTV	smf-1a	57.7505	12.48
WQTV	smf-1a	58.0005	12.48
WQTV	smf-1a	58.2505	12.48
WQTV	smf-1a	58.5005	12.48
WQTV	smf-1a	58.7505	12.48
WQTV	smf-1a	59.0005	12.48
WQTV	smf-1a	59.2505	12.48
WQTV	smf-1a	59.5005	12.48
WQTV	smf-1a	59.7505	12.48
WQTV	smf-1a	60.0005	12.47
WQTV	smf-1a	60.2505	12.47
WQTV	smf-1a	60.5005	12.47
WQTV	smf-1a	60.7505	12.47
WQTV	smf-1a	61.0005	12.47
WQTV	smf-1a	61.2505	12.47
WQTV	smf-1a	61.5005	12.47
WQTV	smf-1a	61.7505	12.47
WQTV	smf-1a	62.0005	12.47
WQTV	smf-1a	62.2505	12.46
WQTV	smf-1a	62.5005	12.46
WQTV	smf-1a	62.7505	12.46

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	63.0005	12.46
WQTV	smf-1a	63.2505	12.46
WQTV	smf-1a	63.5005	12.46
WQTV	smf-1a	63.7505	12.46
WQTV	smf-1a	64.0005	12.46
WQTV	smf-1a	64.2505	12.46
WQTV	smf-1a	64.5005	12.45
WQTV	smf-1a	64.7505	12.45
WQTV	smf-1a	65.0005	12.45
WQTV	smf-1a	65.2505	12.45
WQTV	smf-1a	65.5005	12.45
WQTV	smf-1a	65.7505	12.45
WQTV	smf-1a	66.0005	12.45
WQTV	smf-1a	66.2505	12.45
WQTV	smf-1a	66.5005	12.45
WQTV	smf-1a	66.7505	12.45
WQTV	smf-1a	67.0005	12.45
WQTV	smf-1a	67.2505	12.45
WQTV	smf-1a	67.5005	12.45
WQTV	smf-1a	67.7505	12.45
WQTV	smf-1a	68.0005	12.45
WQTV	smf-1a	68.2505	12.45
WQTV	smf-1a	68.5005	12.45
WQTV	smf-1a	68.7505	12.45
WQTV	smf-1a	69.0005	12.45
WQTV	smf-1a	69.2505	12.45
WQTV	smf-1a	69.5005	12.45
WQTV	smf-1a	69.7505	12.45
WQTV	smf-1a	70.0005	12.45
WQTV	smf-1a	70.2505	12.45
WQTV	smf-1a	70.5005	12.45
WQTV	smf-1a	70.7505	12.45
WQTV	smf-1a	71.0005	12.45
WQTV	smf-1a	71.2505	12.45
WQTV	smf-1a	71.5005	12.45
WQTV	smf-1a	71.7505	12.45
WQTV	smf-1a	72.0005	12.45
WQTV	smf-1a	72.2505	12.45
WQTV	smf-1a	72.5005	12.45
WQTV	smf-1a	72.7505	12.45
WQTV	smf-1a	73.0005	12.45
WQTV	smf-1a	73.2505	12.45

SMF-1a WQTV end

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1a	73.5005	12.45
WQTV	smf-1a	73.7505	12.45
WQTV	smf-1a	74.0005	12.45
WQTV	smf-1a	74.2505	12.45
WQTV	smf-1a	74.5005	12.45
WQTV	smf-1a	74.7505	12.45
WQTV	smf-1a	75.0005	12.45
WQTV	smf-1a	75.2505	12.45
WQTV	smf-1a	75.5005	12.45
WQTV	smf-1a	75.7505	12.45
WQTV	smf-1a	76.0005	12.45
WQTV	smf-1a	76.2505	12.45
WQTV	smf-1a	76.5005	12.45
WQTV	smf-1a	76.7505	12.45
WQTV	smf-1a	77.0005	12.45
WQTV	smf-1a	77.2505	12.45
WQTV	smf-1a	77.5005	12.45
WQTV	smf-1a	77.7505	12.45
WQTV	smf-1a	78.0005	12.45
WQTV	smf-1a	78.2505	12.45
WQTV	smf-1a	78.5005	12.45
WQTV	smf-1a	78.7505	12.45
WQTV	smf-1a	79.0005	12.45
WQTV	smf-1a	79.2505	12.45
WQTV	smf-1a	79.5005	12.45
WQTV	smf-1a	79.7505	12.45
WQTV	smf-1a	80.0005	12.45
WQTV	smf-1b	0.0000	14.00
WQTV	smf-1b	0.2503	13.90
WQTV	smf-1b	0.5010	13.79
WQTV	smf-1b	0.7522	13.69
WQTV	smf-1b	1.0013	13.60
WQTV	smf-1b	1.2534	13.55
WQTV	smf-1b	1.5063	13.51
WQTV	smf-1b	1.7549	13.48
WQTV	smf-1b	2.0038	13.45
WQTV	smf-1b	2.2522	13.41
WQTV	smf-1b	2.5005	13.38
WQTV	smf-1b	2.7505	13.36
WQTV	smf-1b	3.0005	13.33
WQTV	smf-1b	3.2505	13.31
WQTV	smf-1b	3.5005	13.29

SMF-1b WQTV begin

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1b	3.7505	13.27
WQTV	smf-1b	4.0005	13.26
WQTV	smf-1b	4.2505	13.24
WQTV	smf-1b	4.5005	13.23
WQTV	smf-1b	4.7505	13.21
WQTV	smf-1b	5.0005	13.20
WQTV	smf-1b	5.2505	13.18
WQTV	smf-1b	5.5005	13.17
WQTV	smf-1b	5.7505	13.16
WQTV	smf-1b	6.0005	13.15
WQTV	smf-1b	6.2505	13.14
WQTV	smf-1b	6.5005	13.12
WQTV	smf-1b	6.7505	13.11
WQTV	smf-1b	7.0005	13.10
WQTV	smf-1b	7.2505	13.09
WQTV	smf-1b	7.5005	13.09
WQTV	smf-1b	7.7505	13.08
WQTV	smf-1b	8.0005	13.07
WQTV	smf-1b	8.2505	13.06
WQTV	smf-1b	8.5005	13.05
WQTV	smf-1b	8.7505	13.04
WQTV	smf-1b	9.0005	13.04
WQTV	smf-1b	9.2505	13.03
WQTV	smf-1b	9.5005	13.02
WQTV	smf-1b	9.7505	13.02
WQTV	smf-1b	10.0005	13.01
WQTV	smf-1b	10.2505	13.00
WQTV	smf-1b	10.5005	13.00
WQTV	smf-1b	10.7505	13.00
WQTV	smf-1b	11.0005	13.00
WQTV	smf-1b	11.2505	13.00
WQTV	smf-1b	11.5005	13.00
WQTV	smf-1b	11.7505	13.00
WQTV	smf-1b	12.0005	13.00
WQTV	smf-1b	12.2505	13.00
WQTV	smf-1b	12.5005	13.00
WQTV	smf-1b	12.7505	13.00
WQTV	smf-1b	13.0005	13.00
WQTV	smf-1b	13.2505	13.00
WQTV	smf-1b	13.5005	13.00
WQTV	smf-1b	13.7505	13.00
WQTV	smf-1b	14.0005	13.00

SMF-1b WQTV end

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-1b	77.2505	13.00
WQTV	smf-1b	77.5005	13.00
WQTV	smf-1b	77.7505	13.00
WQTV	smf-1b	78.0005	13.00
WQTV	smf-1b	78.2505	13.00
WQTV	smf-1b	78.5005	13.00
WQTV	smf-1b	78.7505	13.00
WQTV	smf-1b	79.0005	13.00
WQTV	smf-1b	79.2505	13.00
WQTV	smf-1b	79.5005	13.00
WQTV	smf-1b	79.7505	13.00
WQTV	smf-1b	80.0005	13.00
WQTV	smf-2a	0.0000	12.77
WQTV	smf-2a	0.2503	12.67
WQTV	smf-2a	0.5010	12.57
WQTV	smf-2a	0.7522	12.50
WQTV	smf-2a	1.0013	12.46
WQTV	smf-2a	1.2534	12.43
WQTV	smf-2a	1.5063	12.40
WQTV	smf-2a	1.7549	12.38
WQTV	smf-2a	2.0038	12.37
WQTV	smf-2a	2.2522	12.35
WQTV	smf-2a	2.5005	12.34
WQTV	smf-2a	2.7505	12.33
WQTV	smf-2a	3.0005	12.32
WQTV	smf-2a	3.2505	12.30
WQTV	smf-2a	3.5005	12.29
WQTV	smf-2a	3.7505	12.28
WQTV	smf-2a	4.0005	12.27
WQTV	smf-2a	4.2505	12.27
WQTV	smf-2a	4.5005	12.26
WQTV	smf-2a	4.7505	12.25
WQTV	smf-2a	5.0005	12.24
WQTV	smf-2a	5.2505	12.23
WQTV	smf-2a	5.5005	12.23
WQTV	smf-2a	5.7505	12.22
WQTV	smf-2a	6.0005	12.21
WQTV	smf-2a	6.2505	12.21
WQTV	smf-2a	6.5005	12.20
WQTV	smf-2a	6.7505	12.19
WQTV	smf-2a	7.0005	12.19
WQTV	smf-2a	7.2505	12.18



WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2a	7.5005	12.18
WQTV	smf-2a	7.7505	12.17
WQTV	smf-2a	8.0005	12.16
WQTV	smf-2a	8.2505	12.16
WQTV	smf-2a	8.5005	12.15
WQTV	smf-2a	8.7505	12.15
WQTV	smf-2a	9.0005	12.14
WQTV	smf-2a	9.2505	12.14
WQTV	smf-2a	9.5005	12.14
WQTV	smf-2a	9.7505	12.13
WQTV	smf-2a	10.0005	12.13
WQTV	smf-2a	10.2505	12.12
WQTV	smf-2a	10.5005	12.12
WQTV	smf-2a	10.7505	12.12
WQTV	smf-2a	11.0005	12.11
WQTV	smf-2a	11.2505	12.11
WQTV	smf-2a	11.5005	12.10
WQTV	smf-2a	11.7505	12.10
WQTV	smf-2a	12.0005	12.10
WQTV	smf-2a	12.2505	12.10
WQTV	smf-2a	12.5005	12.10
WQTV	smf-2a	12.7505	12.10
WQTV	smf-2a	13.0005	12.10
WQTV	smf-2a	13.2505	12.10
WQTV	smf-2a	13.5005	12.10
WQTV	smf-2a	13.7505	12.10
WQTV	smf-2a	14.0005	12.10
WQTV	smf-2a	14.2505	12.10
WQTV	smf-2a	14.5005	12.10
WQTV	smf-2a	14.7505	12.10
WQTV	smf-2a	15.0005	12.10
WQTV	smf-2a	15.2505	12.10
WQTV	smf-2a	15.5005	12.10
WQTV	smf-2a	15.7505	12.10
WQTV	smf-2a	16.0005	12.10
WQTV	smf-2a	16.2505	12.10
WQTV	smf-2a	16.5005	12.10
WQTV	smf-2a	16.7505	12.10
WQTV	smf-2a	17.0005	12.10
WQTV	smf-2a	17.2505	12.10
WQTV	smf-2a	17.5005	12.10
WQTV	smf-2a	17.7505	12.10



WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2a	70.5005	12.10
WQTV	smf-2a	70.7505	12.10
WQTV	smf-2a	71.0005	12.10
WQTV	smf-2a	71.2505	12.10
WQTV	smf-2a	71.5005	12.10
WQTV	smf-2a	71.7505	12.10
WQTV	smf-2a	72.0005	12.10
WQTV	smf-2a	72.2505	12.10
WQTV	smf-2a	72.5005	12.10
WQTV	smf-2a	72.7505	12.10
WQTV	smf-2a	73.0005	12.10
WQTV	smf-2a	73.2505	12.10
WQTV	smf-2a	73.5005	12.10
WQTV	smf-2a	73.7505	12.10
WQTV	smf-2a	74.0005	12.10
WQTV	smf-2a	74.2505	12.10
WQTV	smf-2a	74.5005	12.10
WQTV	smf-2a	74.7505	12.10
WQTV	smf-2a	75.0005	12.10
WQTV	smf-2a	75.2505	12.10
WQTV	smf-2a	75.5005	12.10
WQTV	smf-2a	75.7505	12.10
WQTV	smf-2a	76.0005	12.10
WQTV	smf-2a	76.2505	12.10
WQTV	smf-2a	76.5005	12.10
WQTV	smf-2a	76.7505	12.10
WQTV	smf-2a	77.0005	12.10
WQTV	smf-2a	77.2505	12.10
WQTV	smf-2a	77.5005	12.10
WQTV	smf-2a	77.7505	12.10
WQTV	smf-2a	78.0005	12.10
WQTV	smf-2a	78.2505	12.10
WQTV	smf-2a	78.5005	12.10
WQTV	smf-2a	78.7505	12.10
WQTV	smf-2a	79.0005	12.10
WQTV	smf-2a	79.2505	12.10
WQTV	smf-2a	79.5005	12.10
WQTV	smf-2a	79.7505	12.10
WQTV	smf-2a	80.0005	12.10
WQTV	smf-2b	0.0000	12.77
WQTV	smf-2b	0.2503	12.67
WQTV	smf-2b	0.5010	12.57

SMF-2b WQTV begin

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2b	0.7522	12.47
WQTV	smf-2b	1.0013	12.39
WQTV	smf-2b	1.2534	12.33
WQTV	smf-2b	1.5063	12.30
WQTV	smf-2b	1.7549	12.27
WQTV	smf-2b	2.0038	12.24
WQTV	smf-2b	2.2522	12.22
WQTV	smf-2b	2.5005	12.20
WQTV	smf-2b	2.7505	12.19
WQTV	smf-2b	3.0005	12.17
WQTV	smf-2b	3.2505	12.16
WQTV	smf-2b	3.5005	12.15
WQTV	smf-2b	3.7505	12.13
WQTV	smf-2b	4.0005	12.12
WQTV	smf-2b	4.2505	12.11
WQTV	smf-2b	4.5005	12.10
WQTV	smf-2b	4.7505	12.09
WQTV	smf-2b	5.0005	12.08
WQTV	smf-2b	5.2505	12.07
WQTV	smf-2b	5.5005	12.06
WQTV	smf-2b	5.7505	12.06
WQTV	smf-2b	6.0005	12.05
WQTV	smf-2b	6.2505	12.04
WQTV	smf-2b	6.5005	12.03
WQTV	smf-2b	6.7505	12.02
WQTV	smf-2b	7.0005	12.02
WQTV	smf-2b	7.2505	12.01
WQTV	smf-2b	7.5005	12.00
WQTV	smf-2b	7.7505	12.00
WQTV	smf-2b	8.0005	11.99
WQTV	smf-2b	8.2505	11.98
WQTV	smf-2b	8.5005	11.98
WQTV	smf-2b	8.7505	11.97
WQTV	smf-2b	9.0005	11.96
WQTV	smf-2b	9.2505	11.96
WQTV	smf-2b	9.5005	11.95
WQTV	smf-2b	9.7505	11.95
WQTV	smf-2b	10.0005	11.94
WQTV	smf-2b	10.2505	11.93
WQTV	smf-2b	10.5005	11.93
WQTV	smf-2b	10.7505	11.92
WQTV	smf-2b	11.0005	11.92

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2b	11.2505	11.91
WQTV	smf-2b	11.5005	11.90
WQTV	smf-2b	11.7505	11.90
WQTV	smf-2b	12.0005	11.89
WQTV	smf-2b	12.2505	11.89
WQTV	smf-2b	12.5005	11.88
WQTV	smf-2b	12.7505	11.88
WQTV	smf-2b	13.0005	11.87
WQTV	smf-2b	13.2505	11.86
WQTV	smf-2b	13.5005	11.86
WQTV	smf-2b	13.7505	11.85
WQTV	smf-2b	14.0005	11.85
WQTV	smf-2b	14.2505	11.84
WQTV	smf-2b	14.5005	11.83
WQTV	smf-2b	14.7505	11.83
WQTV	smf-2b	15.0005	11.82
WQTV	smf-2b	15.2505	11.81
WQTV	smf-2b	15.5005	11.81
WQTV	smf-2b	15.7505	11.80
WQTV	smf-2b	16.0005	11.80
WQTV	smf-2b	16.2505	11.79
WQTV	smf-2b	16.5005	11.78
WQTV	smf-2b	16.7505	11.78
WQTV	smf-2b	17.0005	11.77
WQTV	smf-2b	17.2505	11.77
WQTV	smf-2b	17.5005	11.76
WQTV	smf-2b	17.7505	11.76
WQTV	smf-2b	18.0005	11.75
WQTV	smf-2b	18.2505	11.74
WQTV	smf-2b	18.5005	11.74
WQTV	smf-2b	18.7505	11.73
WQTV	smf-2b	19.0005	11.73
WQTV	smf-2b	19.2505	11.72
WQTV	smf-2b	19.5005	11.72
WQTV	smf-2b	19.7505	11.72
WQTV	smf-2b	20.0005	11.71
WQTV	smf-2b	20.2505	11.71
WQTV	smf-2b	20.5005	11.70
WQTV	smf-2b	20.7505	11.70
WQTV	smf-2b	21.0005	11.69
WQTV	smf-2b	21.2505	11.69
WQTV	smf-2b	21.5005	11.68

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2b	21.7505	11.68
WQTV	smf-2b	22.0005	11.68
WQTV	smf-2b	22.2505	11.67
WQTV	smf-2b	22.5005	11.67
WQTV	smf-2b	22.7505	11.66
WQTV	smf-2b	23.0005	11.66
WQTV	smf-2b	23.2505	11.66
WQTV	smf-2b	23.5005	11.65
WQTV	smf-2b	23.7505	11.65
WQTV	smf-2b	24.0005	11.64
WQTV	smf-2b	24.2505	11.64
WQTV	smf-2b	24.5005	11.64
WQTV	smf-2b	24.7505	11.63
WQTV	smf-2b	25.0005	11.63
WQTV	smf-2b	25.2505	11.63
WQTV	smf-2b	25.5005	11.62
WQTV	smf-2b	25.7505	11.62
WQTV	smf-2b	26.0005	11.62
WQTV	smf-2b	26.2505	11.61
WQTV	smf-2b	26.5005	11.61
WQTV	smf-2b	26.7505	11.61
WQTV	smf-2b	27.0005	11.60
WQTV	smf-2b	27.2505	11.60
WQTV	smf-2b	27.5005	11.60
WQTV	smf-2b	27.7505	11.59
WQTV	smf-2b	28.0005	11.59
WQTV	smf-2b	28.2505	11.59
WQTV	smf-2b	28.5005	11.58
WQTV	smf-2b	28.7505	11.58
WQTV	smf-2b	29.0005	11.58
WQTV	smf-2b	29.2505	11.57
WQTV	smf-2b	29.5005	11.57
WQTV	smf-2b	29.7505	11.57
WQTV	smf-2b	30.0005	11.56
WQTV	smf-2b	30.2505	11.56
WQTV	smf-2b	30.5005	11.56
WQTV	smf-2b	30.7505	11.56
WQTV	smf-2b	31.0005	11.55
WQTV	smf-2b	31.2505	11.55
WQTV	smf-2b	31.5005	11.55
WQTV	smf-2b	31.7505	11.54
WQTV	smf-2b	32.0005	11.54

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2b	32.2505	11.54
WQTV	smf-2b	32.5005	11.54
WQTV	smf-2b	32.7505	11.53
WQTV	smf-2b	33.0005	11.53
WQTV	smf-2b	33.2505	11.53
WQTV	smf-2b	33.5005	11.52
WQTV	smf-2b	33.7505	11.52
WQTV	smf-2b	34.0005	11.52
WQTV	smf-2b	34.2505	11.52
WQTV	smf-2b	34.5005	11.51
WQTV	smf-2b	34.7505	11.51
WQTV	smf-2b	35.0005	11.51
WQTV	smf-2b	35.2505	11.51
WQTV	smf-2b	35.5005	11.50
WQTV	smf-2b	35.7505	11.50
WQTV	smf-2b	36.0005	11.50
WQTV	smf-2b	36.2505	11.50
WQTV	smf-2b	36.5005	11.49
WQTV	smf-2b	36.7505	11.49
WQTV	smf-2b	37.0005	11.49
WQTV	smf-2b	37.2505	11.49
WQTV	smf-2b	37.5005	11.48
WQTV	smf-2b	37.7505	11.48
WQTV	smf-2b	38.0005	11.48
WQTV	smf-2b	38.2505	11.48
WQTV	smf-2b	38.5005	11.48
WQTV	smf-2b	38.7505	11.47
WQTV	smf-2b	39.0005	11.47
WQTV	smf-2b	39.2505	11.47
WQTV	smf-2b	39.5005	11.47
WQTV	smf-2b	39.7505	11.46
WQTV	smf-2b	40.0005	11.46
WQTV	smf-2b	40.2505	11.46
WQTV	smf-2b	40.5005	11.46
WQTV	smf-2b	40.7505	11.46
WQTV	smf-2b	41.0005	11.45
WQTV	smf-2b	41.2505	11.45
WQTV	smf-2b	41.5005	11.45
WQTV	smf-2b	41.7505	11.45
WQTV	smf-2b	42.0005	11.45
WQTV	smf-2b	42.2505	11.44
WQTV	smf-2b	42.5005	11.44

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2b	42.7505	11.44
WQTV	smf-2b	43.0005	11.44
WQTV	smf-2b	43.2505	11.44
WQTV	smf-2b	43.5005	11.44
WQTV	smf-2b	43.7505	11.43
WQTV	smf-2b	44.0005	11.43
WQTV	smf-2b	44.2505	11.43
WQTV	smf-2b	44.5005	11.43
WQTV	smf-2b	44.7505	11.43
WQTV	smf-2b	45.0005	11.42
WQTV	smf-2b	45.2505	11.42
WQTV	smf-2b	45.5005	11.42
WQTV	smf-2b	45.7505	11.42
WQTV	smf-2b	46.0005	11.42
WQTV	smf-2b	46.2505	11.42
WQTV	smf-2b	46.5005	11.41
WQTV	smf-2b	46.7505	11.41
WQTV	smf-2b	47.0005	11.41
WQTV	smf-2b	47.2505	11.41
WQTV	smf-2b	47.5005	11.41
WQTV	smf-2b	47.7505	11.41
WQTV	smf-2b	48.0005	11.40
WQTV	smf-2b	48.2505	11.40
WQTV	smf-2b	48.5005	11.40
WQTV	smf-2b	48.7505	11.40
WQTV	smf-2b	49.0005	11.40
WQTV	smf-2b	49.2505	11.40
WQTV	smf-2b	49.5005	11.40
WQTV	smf-2b	49.7505	11.40
WQTV	smf-2b	50.0005	11.40
WQTV	smf-2b	50.2505	11.40
WQTV	smf-2b	50.5005	11.40
WQTV	smf-2b	50.7505	11.40
WQTV	smf-2b	51.0005	11.40
WQTV	smf-2b	51.2505	11.40
WQTV	smf-2b	51.5005	11.40
WQTV	smf-2b	51.7505	11.40
WQTV	smf-2b	52.0005	11.40
WQTV	smf-2b	52.2505	11.40
WQTV	smf-2b	52.5005	11.40
WQTV	smf-2b	52.7505	11.40
WQTV	smf-2b	53.0005	11.40

SMF-2b WQTV end

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2b	74.2505	11.40
WQTV	smf-2b	74.5005	11.40
WQTV	smf-2b	74.7505	11.40
WQTV	smf-2b	75.0005	11.40
WQTV	smf-2b	75.2505	11.40
WQTV	smf-2b	75.5005	11.40
WQTV	smf-2b	75.7505	11.40
WQTV	smf-2b	76.0005	11.40
WQTV	smf-2b	76.2505	11.40
WQTV	smf-2b	76.5005	11.40
WQTV	smf-2b	76.7505	11.40
WQTV	smf-2b	77.0005	11.40
WQTV	smf-2b	77.2505	11.40
WQTV	smf-2b	77.5005	11.40
WQTV	smf-2b	77.7505	11.40
WQTV	smf-2b	78.0005	11.40
WQTV	smf-2b	78.2505	11.40
WQTV	smf-2b	78.5005	11.40
WQTV	smf-2b	78.7505	11.40
WQTV	smf-2b	79.0005	11.40
WQTV	smf-2b	79.2505	11.40
WQTV	smf-2b	79.5005	11.40
WQTV	smf-2b	79.7505	11.40
WQTV	smf-2b	80.0005	11.40
WQTV	smf-2c	0.0000	12.77
WQTV	smf-2c	0.2503	12.67
WQTV	smf-2c	0.5010	12.57
WQTV	smf-2c	0.7522	12.47
WQTV	smf-2c	1.0013	12.41
WQTV	smf-2c	1.2534	12.37
WQTV	smf-2c	1.5063	12.35
WQTV	smf-2c	1.7549	12.33
WQTV	smf-2c	2.0038	12.31
WQTV	smf-2c	2.2522	12.29
WQTV	smf-2c	2.5005	12.27
WQTV	smf-2c	2.7505	12.25
WQTV	smf-2c	3.0005	12.24
WQTV	smf-2c	3.2505	12.22
WQTV	smf-2c	3.5005	12.21
WQTV	smf-2c	3.7505	12.20
WQTV	smf-2c	4.0005	12.18
WQTV	smf-2c	4.2505	12.17

SMF-2c WQTV begin

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2c	4.5005	12.16
WQTV	smf-2c	4.7505	12.15
WQTV	smf-2c	5.0005	12.14
WQTV	smf-2c	5.2505	12.13
WQTV	smf-2c	5.5005	12.12
WQTV	smf-2c	5.7505	12.11
WQTV	smf-2c	6.0005	12.11
WQTV	smf-2c	6.2505	12.10
WQTV	smf-2c	6.5005	12.09
WQTV	smf-2c	6.7505	12.08
WQTV	smf-2c	7.0005	12.08
WQTV	smf-2c	7.2505	12.07
WQTV	smf-2c	7.5005	12.06
WQTV	smf-2c	7.7505	12.05
WQTV	smf-2c	8.0005	12.05
WQTV	smf-2c	8.2505	12.04
WQTV	smf-2c	8.5005	12.03
WQTV	smf-2c	8.7505	12.03
WQTV	smf-2c	9.0005	12.02
WQTV	smf-2c	9.2505	12.02
WQTV	smf-2c	9.5005	12.01
WQTV	smf-2c	9.7505	12.01
WQTV	smf-2c	10.0005	12.00
WQTV	smf-2c	10.2505	11.99
WQTV	smf-2c	10.5005	11.99
WQTV	smf-2c	10.7505	11.98
WQTV	smf-2c	11.0005	11.98
WQTV	smf-2c	11.2505	11.97
WQTV	smf-2c	11.5005	11.97
WQTV	smf-2c	11.7505	11.96
WQTV	smf-2c	12.0005	11.96
WQTV	smf-2c	12.2505	11.95
WQTV	smf-2c	12.5005	11.95
WQTV	smf-2c	12.7505	11.95
WQTV	smf-2c	13.0005	11.94
WQTV	smf-2c	13.2505	11.94
WQTV	smf-2c	13.5005	11.93
WQTV	smf-2c	13.7505	11.93
WQTV	smf-2c	14.0005	11.92
WQTV	smf-2c	14.2505	11.92
WQTV	smf-2c	14.5005	11.92
WQTV	smf-2c	14.7505	11.91

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2c	15.0005	11.91
WQTV	smf-2c	15.2505	11.91
WQTV	smf-2c	15.5005	11.90
WQTV	smf-2c	15.7505	11.90
WQTV	smf-2c	16.0005	11.89
WQTV	smf-2c	16.2505	11.89
WQTV	smf-2c	16.5005	11.89
WQTV	smf-2c	16.7505	11.88
WQTV	smf-2c	17.0005	11.88
WQTV	smf-2c	17.2505	11.88
WQTV	smf-2c	17.5005	11.88
WQTV	smf-2c	17.7505	11.87
WQTV	smf-2c	18.0005	11.87
WQTV	smf-2c	18.2505	11.87
WQTV	smf-2c	18.5005	11.86
WQTV	smf-2c	18.7505	11.86
WQTV	smf-2c	19.0005	11.86
WQTV	smf-2c	19.2505	11.85
WQTV	smf-2c	19.5005	11.85
WQTV	smf-2c	19.7505	11.85
WQTV	smf-2c	20.0005	11.85
WQTV	smf-2c	20.2505	11.85
WQTV	smf-2c	20.5005	11.85
WQTV	smf-2c	20.7505	11.85
WQTV	smf-2c	21.0005	11.85
WQTV	smf-2c	21.2505	11.85
WQTV	smf-2c	21.5005	11.85
WQTV	smf-2c	21.7505	11.85
WQTV	smf-2c	22.0005	11.85
WQTV	smf-2c	22.2505	11.85
WQTV	smf-2c	22.5005	11.85
WQTV	smf-2c	22.7505	11.85
WQTV	smf-2c	23.0005	11.85
WQTV	smf-2c	23.2505	11.85
WQTV	smf-2c	23.5005	11.85
WQTV	smf-2c	23.7505	11.85
WQTV	smf-2c	24.0005	11.85
WQTV	smf-2c	24.2505	11.85
WQTV	smf-2c	24.5005	11.85
WQTV	smf-2c	24.7505	11.85
WQTV	smf-2c	25.0005	11.85
WQTV	smf-2c	25.2505	11.85

SMF-2c WQTV end

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-2c	78.0005	11.85
WQTV	smf-2c	78.2505	11.85
WQTV	smf-2c	78.5005	11.85
WQTV	smf-2c	78.7505	11.85
WQTV	smf-2c	79.0005	11.85
WQTV	smf-2c	79.2505	11.85
WQTV	smf-2c	79.5005	11.85
WQTV	smf-2c	79.7505	11.85
WQTV	smf-2c	80.0005	11.85
WQTV	smf-3a	0.0000	13.00
WQTV	smf-3a	0.2505	12.65
WQTV	smf-3a	0.5010	12.74
WQTV	smf-3a	0.7522	12.64
WQTV	smf-3a	1.0013	12.56
WQTV	smf-3a	1.2534	12.52
WQTV	smf-3a	1.5063	12.49
WQTV	smf-3a	1.7549	12.46
WQTV	smf-3a	2.0038	12.44
WQTV	smf-3a	2.2522	12.43
WQTV	smf-3a	2.5005	12.41
WQTV	smf-3a	2.7505	12.39
WQTV	smf-3a	3.0005	12.38
WQTV	smf-3a	3.2505	12.36
WQTV	smf-3a	3.5005	12.34
WQTV	smf-3a	3.7505	12.33
WQTV	smf-3a	4.0005	12.31
WQTV	smf-3a	4.2505	12.29
WQTV	smf-3a	4.5005	12.28
WQTV	smf-3a	4.7505	12.26
WQTV	smf-3a	5.0005	12.25
WQTV	smf-3a	5.2505	12.24
WQTV	smf-3a	5.5005	12.23
WQTV	smf-3a	5.7505	12.21
WQTV	smf-3a	6.0005	12.20
WQTV	smf-3a	6.2505	12.19
WQTV	smf-3a	6.5005	12.18
WQTV	smf-3a	6.7505	12.17
WQTV	smf-3a	7.0005	12.16
WQTV	smf-3a	7.2505	12.15
WQTV	smf-3a	7.5005	12.15
WQTV	smf-3a	7.7505	12.14
WQTV	smf-3a	8.0005	12.13

SMF-3a WQTV begin

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3a	8.2505	12.12
WQTV	smf-3a	8.5005	12.11
WQTV	smf-3a	8.7505	12.10
WQTV	smf-3a	9.0005	12.10
WQTV	smf-3a	9.2505	12.09
WQTV	smf-3a	9.5005	12.08
WQTV	smf-3a	9.7505	12.07
WQTV	smf-3a	10.0005	12.07
WQTV	smf-3a	10.2505	12.06
WQTV	smf-3a	10.5005	12.05
WQTV	smf-3a	10.7505	12.05
WQTV	smf-3a	11.0005	12.04
WQTV	smf-3a	11.2505	12.04
WQTV	smf-3a	11.5005	12.03
WQTV	smf-3a	11.7505	12.02
WQTV	smf-3a	12.0005	12.02
WQTV	smf-3a	12.2505	12.01
WQTV	smf-3a	12.5005	12.01
WQTV	smf-3a	12.7505	12.00
WQTV	smf-3a	13.0005	12.00
WQTV	smf-3a	13.2505	11.99
WQTV	smf-3a	13.5005	11.98
WQTV	smf-3a	13.7505	11.98
WQTV	smf-3a	14.0005	11.97
WQTV	smf-3a	14.2505	11.97
WQTV	smf-3a	14.5005	11.96
WQTV	smf-3a	14.7505	11.96
WQTV	smf-3a	15.0005	11.96
WQTV	smf-3a	15.2505	11.95
WQTV	smf-3a	15.5005	11.95
WQTV	smf-3a	15.7505	11.94
WQTV	smf-3a	16.0005	11.94
WQTV	smf-3a	16.2505	11.93
WQTV	smf-3a	16.5005	11.93
WQTV	smf-3a	16.7505	11.93
WQTV	smf-3a	17.0005	11.92
WQTV	smf-3a	17.2505	11.92
WQTV	smf-3a	17.5005	11.92
WQTV	smf-3a	17.7505	11.91
WQTV	smf-3a	18.0005	11.91
WQTV	smf-3a	18.2505	11.90
WQTV	smf-3a	18.5005	11.90

SMF-3a WQTV end

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3a	71.2505	11.90
WQTV	smf-3a	71.5005	11.90
WQTV	smf-3a	71.7505	11.90
WQTV	smf-3a	72.0005	11.90
WQTV	smf-3a	72.2505	11.90
WQTV	smf-3a	72.5005	11.90
WQTV	smf-3a	72.7505	11.90
WQTV	smf-3a	73.0005	11.90
WQTV	smf-3a	73.2505	11.90
WQTV	smf-3a	73.5005	11.90
WQTV	smf-3a	73.7505	11.90
WQTV	smf-3a	74.0005	11.90
WQTV	smf-3a	74.2505	11.90
WQTV	smf-3a	74.5005	11.90
WQTV	smf-3a	74.7505	11.90
WQTV	smf-3a	75.0005	11.90
WQTV	smf-3a	75.2505	11.90
WQTV	smf-3a	75.5005	11.90
WQTV	smf-3a	75.7505	11.90
WQTV	smf-3a	76.0005	11.90
WQTV	smf-3a	76.2505	11.90
WQTV	smf-3a	76.5005	11.90
WQTV	smf-3a	76.7505	11.90
WQTV	smf-3a	77.0005	11.90
WQTV	smf-3a	77.2505	11.90
WQTV	smf-3a	77.5005	11.90
WQTV	smf-3a	77.7505	11.90
WQTV	smf-3a	78.0005	11.90
WQTV	smf-3a	78.2505	11.90
WQTV	smf-3a	78.5005	11.90
WQTV	smf-3a	78.7505	11.90
WQTV	smf-3a	79.0005	11.90
WQTV	smf-3a	79.2505	11.90
WQTV	smf-3a	79.5005	11.90
WQTV	smf-3a	79.7505	11.90
WQTV	smf-3a	80.0005	11.90
WQTV	smf-3b	0.0000	12.60 SMF-3b WQTV begin
WQTV	smf-3b	0.2503	12.50
WQTV	smf-3b	0.5010	12.39
WQTV	smf-3b	0.7522	12.29
WQTV	smf-3b	1.0013	12.18
WQTV	smf-3b	1.2534	12.13

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3b	1.5063	12.09
WQTV	smf-3b	1.7549	12.06
WQTV	smf-3b	2.0038	12.04
WQTV	smf-3b	2.2522	12.02
WQTV	smf-3b	2.5005	12.01
WQTV	smf-3b	2.7505	11.99
WQTV	smf-3b	3.0005	11.98
WQTV	smf-3b	3.2505	11.96
WQTV	smf-3b	3.5005	11.95
WQTV	smf-3b	3.7505	11.94
WQTV	smf-3b	4.0005	11.93
WQTV	smf-3b	4.2505	11.92
WQTV	smf-3b	4.5005	11.91
WQTV	smf-3b	4.7505	11.90
WQTV	smf-3b	5.0005	11.89
WQTV	smf-3b	5.2505	11.88
WQTV	smf-3b	5.5005	11.87
WQTV	smf-3b	5.7505	11.86
WQTV	smf-3b	6.0005	11.86
WQTV	smf-3b	6.2505	11.85
WQTV	smf-3b	6.5005	11.84
WQTV	smf-3b	6.7505	11.83
WQTV	smf-3b	7.0005	11.83
WQTV	smf-3b	7.2505	11.82
WQTV	smf-3b	7.5005	11.81
WQTV	smf-3b	7.7505	11.81
WQTV	smf-3b	8.0005	11.80
WQTV	smf-3b	8.2505	11.79
WQTV	smf-3b	8.5005	11.79
WQTV	smf-3b	8.7505	11.78
WQTV	smf-3b	9.0005	11.78
WQTV	smf-3b	9.2505	11.77
WQTV	smf-3b	9.5005	11.76
WQTV	smf-3b	9.7505	11.76
WQTV	smf-3b	10.0005	11.75
WQTV	smf-3b	10.2505	11.74
WQTV	smf-3b	10.5005	11.74
WQTV	smf-3b	10.7505	11.73
WQTV	smf-3b	11.0005	11.73
WQTV	smf-3b	11.2505	11.72
WQTV	smf-3b	11.5005	11.71
WQTV	smf-3b	11.7505	11.71

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3b	12.0005	11.70
WQTV	smf-3b	12.2505	11.69
WQTV	smf-3b	12.5005	11.69
WQTV	smf-3b	12.7505	11.68
WQTV	smf-3b	13.0005	11.67
WQTV	smf-3b	13.2505	11.67
WQTV	smf-3b	13.5005	11.66
WQTV	smf-3b	13.7505	11.65
WQTV	smf-3b	14.0005	11.65
WQTV	smf-3b	14.2505	11.64
WQTV	smf-3b	14.5005	11.63
WQTV	smf-3b	14.7505	11.63
WQTV	smf-3b	15.0005	11.62
WQTV	smf-3b	15.2505	11.62
WQTV	smf-3b	15.5005	11.61
WQTV	smf-3b	15.7505	11.61
WQTV	smf-3b	16.0005	11.60
WQTV	smf-3b	16.2505	11.59
WQTV	smf-3b	16.5005	11.59
WQTV	smf-3b	16.7505	11.58
WQTV	smf-3b	17.0005	11.58
WQTV	smf-3b	17.2505	11.57
WQTV	smf-3b	17.5005	11.57
WQTV	smf-3b	17.7505	11.57
WQTV	smf-3b	18.0005	11.56
WQTV	smf-3b	18.2505	11.56
WQTV	smf-3b	18.5005	11.55
WQTV	smf-3b	18.7505	11.55
WQTV	smf-3b	19.0005	11.54
WQTV	smf-3b	19.2505	11.54
WQTV	smf-3b	19.5005	11.53
WQTV	smf-3b	19.7505	11.53
WQTV	smf-3b	20.0005	11.53
WQTV	smf-3b	20.2505	11.52
WQTV	smf-3b	20.5005	11.52
WQTV	smf-3b	20.7505	11.52
WQTV	smf-3b	21.0005	11.51
WQTV	smf-3b	21.2505	11.51
WQTV	smf-3b	21.5005	11.51
WQTV	smf-3b	21.7505	11.50
WQTV	smf-3b	22.0005	11.50
WQTV	smf-3b	22.2505	11.49

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3b	22.5005	11.49
WQTV	smf-3b	22.7505	11.49
WQTV	smf-3b	23.0005	11.49
WQTV	smf-3b	23.2505	11.48
WQTV	smf-3b	23.5005	11.48
WQTV	smf-3b	23.7505	11.48
WQTV	smf-3b	24.0005	11.47
WQTV	smf-3b	24.2505	11.47
WQTV	smf-3b	24.5005	11.47
WQTV	smf-3b	24.7505	11.46
WQTV	smf-3b	25.0005	11.46
WQTV	smf-3b	25.2505	11.46
WQTV	smf-3b	25.5005	11.46
WQTV	smf-3b	25.7505	11.45
WQTV	smf-3b	26.0005	11.45
WQTV	smf-3b	26.2505	11.45
WQTV	smf-3b	26.5005	11.44
WQTV	smf-3b	26.7505	11.44
WQTV	smf-3b	27.0005	11.44
WQTV	smf-3b	27.2505	11.44
WQTV	smf-3b	27.5005	11.43
WQTV	smf-3b	27.7505	11.43
WQTV	smf-3b	28.0005	11.43
WQTV	smf-3b	28.2505	11.43
WQTV	smf-3b	28.5005	11.42
WQTV	smf-3b	28.7505	11.42
WQTV	smf-3b	29.0005	11.42
WQTV	smf-3b	29.2505	11.42
WQTV	smf-3b	29.5005	11.41
WQTV	smf-3b	29.7505	11.41
WQTV	smf-3b	30.0005	11.41
WQTV	smf-3b	30.2505	11.41
WQTV	smf-3b	30.5005	11.40
WQTV	smf-3b	30.7505	11.40
WQTV	smf-3b	31.0005	11.40
WQTV	smf-3b	31.2505	11.40
WQTV	smf-3b	31.5005	11.40
WQTV	smf-3b	31.7505	11.39
WQTV	smf-3b	32.0005	11.39
WQTV	smf-3b	32.2505	11.39
WQTV	smf-3b	32.5005	11.39
WQTV	smf-3b	32.7505	11.39

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3b	33.0005	11.38
WQTV	smf-3b	33.2505	11.38
WQTV	smf-3b	33.5005	11.38
WQTV	smf-3b	33.7505	11.38
WQTV	smf-3b	34.0005	11.38
WQTV	smf-3b	34.2505	11.37
WQTV	smf-3b	34.5005	11.37
WQTV	smf-3b	34.7505	11.37
WQTV	smf-3b	35.0005	11.37
WQTV	smf-3b	35.2505	11.37
WQTV	smf-3b	35.5005	11.36
WQTV	smf-3b	35.7505	11.36
WQTV	smf-3b	36.0005	11.36
WQTV	smf-3b	36.2505	11.36
WQTV	smf-3b	36.5005	11.36
WQTV	smf-3b	36.7505	11.36
WQTV	smf-3b	37.0005	11.35
WQTV	smf-3b	37.2505	11.35
WQTV	smf-3b	37.5005	11.35
WQTV	smf-3b	37.7505	11.35
WQTV	smf-3b	38.0005	11.35
WQTV	smf-3b	38.2505	11.35
WQTV	smf-3b	38.5005	11.34
WQTV	smf-3b	38.7505	11.34
WQTV	smf-3b	39.0005	11.34
WQTV	smf-3b	39.2505	11.34
WQTV	smf-3b	39.5005	11.34
WQTV	smf-3b	39.7505	11.34
WQTV	smf-3b	40.0005	11.33
WQTV	smf-3b	40.2505	11.33
WQTV	smf-3b	40.5005	11.33
WQTV	smf-3b	40.7505	11.33
WQTV	smf-3b	41.0005	11.33
WQTV	smf-3b	41.2505	11.33
WQTV	smf-3b	41.5005	11.33
WQTV	smf-3b	41.7505	11.32
WQTV	smf-3b	42.0005	11.32
WQTV	smf-3b	42.2505	11.32
WQTV	smf-3b	42.5005	11.32
WQTV	smf-3b	42.7505	11.32
WQTV	smf-3b	43.0005	11.32
WQTV	smf-3b	43.2505	11.32

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3b	43.5005	11.31
WQTV	smf-3b	43.7505	11.31
WQTV	smf-3b	44.0005	11.31
WQTV	smf-3b	44.2505	11.31
WQTV	smf-3b	44.5005	11.31
WQTV	smf-3b	44.7505	11.31
WQTV	smf-3b	45.0005	11.31
WQTV	smf-3b	45.2505	11.31
WQTV	smf-3b	45.5005	11.30
WQTV	smf-3b	45.7505	11.30
WQTV	smf-3b	46.0005	11.30
WQTV	smf-3b	46.2505	11.30
WQTV	smf-3b	46.5005	11.30
WQTV	smf-3b	46.7505	11.30
WQTV	smf-3b	47.0005	11.30
WQTV	smf-3b	47.2505	11.30
WQTV	smf-3b	47.5005	11.29
WQTV	smf-3b	47.7505	11.29
WQTV	smf-3b	48.0005	11.29
WQTV	smf-3b	48.2505	11.29
WQTV	smf-3b	48.5005	11.29
WQTV	smf-3b	48.7505	11.29
WQTV	smf-3b	49.0005	11.29
WQTV	smf-3b	49.2505	11.29
WQTV	smf-3b	49.5005	11.29
WQTV	smf-3b	49.7505	11.28
WQTV	smf-3b	50.0005	11.28
WQTV	smf-3b	50.2505	11.28
WQTV	smf-3b	50.5005	11.28
WQTV	smf-3b	50.7505	11.28
WQTV	smf-3b	51.0005	11.28
WQTV	smf-3b	51.2505	11.28
WQTV	smf-3b	51.5005	11.28
WQTV	smf-3b	51.7505	11.28
WQTV	smf-3b	52.0005	11.27
WQTV	smf-3b	52.2505	11.27
WQTV	smf-3b	52.5005	11.27
WQTV	smf-3b	52.7505	11.27
WQTV	smf-3b	53.0005	11.27
WQTV	smf-3b	53.2505	11.27
WQTV	smf-3b	53.5005	11.27
WQTV	smf-3b	53.7505	11.27

WQTV Recovery Analysis

Sim	Node Name	Relative Time [hrs]	Stage [ft]
WQTV	smf-3b	54.0005	11.27
WQTV	smf-3b	54.2505	11.27
WQTV	smf-3b	54.5005	11.27
WQTV	smf-3b	54.7505	11.26
WQTV	smf-3b	55.0005	11.26
WQTV	smf-3b	55.2505	11.26
WQTV	smf-3b	55.5005	11.26
WQTV	smf-3b	55.7505	11.26
WQTV	smf-3b	56.0005	11.26
WQTV	smf-3b	56.2505	11.26
WQTV	smf-3b	56.5005	11.26
WQTV	smf-3b	56.7505	11.26
WQTV	smf-3b	57.0005	11.26
WQTV	smf-3b	57.2505	11.25
WQTV	smf-3b	57.5005	11.25
WQTV	smf-3b	57.7505	11.25
WQTV	smf-3b	58.0005	11.25
WQTV	smf-3b	58.2505	11.25
WQTV	smf-3b	58.5005	11.25
WQTV	smf-3b	58.7505	11.25
WQTV	smf-3b	59.0005	11.25
WQTV	smf-3b	59.2505	11.25
WQTV	smf-3b	59.5005	11.25
WQTV	smf-3b	59.7505	11.25
WQTV	smf-3b	60.0005	11.25
WQTV	smf-3b	60.2505	11.25
WQTV	smf-3b	60.5005	11.25
WQTV	smf-3b	60.7505	11.25
WQTV	smf-3b	61.0005	11.25
WQTV	smf-3b	61.2505	11.25
WQTV	smf-3b	61.5005	11.25
WQTV	smf-3b	61.7505	11.25
WQTV	smf-3b	62.0005	11.25
WQTV	smf-3b	62.2505	11.25
WQTV	smf-3b	62.5005	11.25
WQTV	smf-3b	62.7505	11.25
WQTV	smf-3b	63.0005	11.25
WQTV	smf-3b	63.2505	11.25
WQTV	smf-3b	63.5005	11.25
WQTV	smf-3b	63.7505	11.25
WQTV	smf-3b	64.0005	11.25
WQTV	smf-3b	64.2505	11.25

SMF-3b WQTV end

Appendix B

Operation and Maintenance Requirements and
Erosion and Sedimentation Control Requirements

Proposed operation and maintenance and soil erosion and sediment control practices are outlined in the following paragraphs.

Surface water Management Facilities

The man-made surface water facility shall be maintained free of sediments and debris. Areas shall be inspected on a routine basis and nuisance plants shall be removed a minimum of twice annually. Grassed areas shall be mowed a minimum of 6 times per year. The natural systems shall be least disturbed as possible. Minimal maintenance is required for the natural and undisturbed areas. All ponds shall be inspected monthly. Monthly documentation shall be noted based upon the inspection findings.

Erosion Control

All erosion damage at spillways, outfall structures, and along pond side slopes shall be repaired (grading and grassing) as conditions occur. All side slopes and other areas disturbed by construction shall be stabilized by sodding, hydro-mulching or other appropriate vegetative or non-vegetative erosion control measures.

Swale/Ditch

All swales, if any, shall be maintained free of debris and sediment. Sediments shall be removed when the depth has been reduced by 20 percent. Sediments removed from swales/ditches should be evenly spread over grassed areas away from the stormwater management facilities.

Culverts, Pipes and Structures

All pipes, if any, shall be inspected bi-annually. Culverts and pipes shall be maintained free of debris and sediment. Sediments removed from culverts and pipes should be evenly spread over grassed areas away from the stormwater management facilities.

The structures and paved flow lines, if any, shall be maintained clear of debris. Remove any debris and silt collected in inlets and pipes as routine inspections dictates.

Inspection Reporting

Annual inspection reports, prepared by a properly licensed professional engineer, should be submitted to the water management district as appropriate. The engineer shall inspect the site and report on the status and function of the system. Noted deficiencies and/or maintenance requirements shall be reported to the owner with recommendations for repairs. Repairs shall be executed.

Limerock/Sinkhole

If continuous limerock is encountered during excavation of the swales/pond or if a sinkhole forms in the area of a drainage swale/pond the engineer of record shall be notified by either the contractor or the established operation and maintenance entity. The engineer of record shall inspect the repaired area upon completion of the repair.

Where continuous limerock is encountered during excavation of the swales/ponds, the limerock shall be over excavated by 2 feet and replaced with clayey soils that extend 2 feet beyond the perimeter of the limerock outcropping. The clayey soil shall have at least 20% passing the no. 200 sieve, compacted to 95% of standard proctor, and compacted in a wet condition with moisture 2% - 4% above optimum.

All swales/ponds shall be inspected monthly for sinkhole occurrence. Should a sinkhole occur, the area shall be repaired as soon as possible. Repair shall include filling (limerock such as road base material, clay/sand mixture, or concrete if necessary). A 2-foot deep cap that extends 2 feet beyond the perimeter of the sinkhole shall be constructed with clayey soils. The clayey soil shall have at least 20% passing the no. 200 sieve, compacted to 95% of standard proctor, and compacted in a wet condition with moisture 2% - 4% above optimum. The clay soil cap shall be re-graded to prevent concentration of waters (ponding) and re-vegetated.

Outfall Structures

All outfall and drawdown orifices are to be inspected bi-annually for sediment or debris in the flow line of weirs or orifices. All sediment and debris should be removed and disposed of in an approved manner.

Operation & Maintenance Entity:

Clay County
P.O. Box 1366
Green Cove Springs, FL 32043

Appendix C

Geotechnical Report



Engineering & Consulting, Inc.

**SUMMARY REPORT OF A
GEOTECHNICAL SITE EXPLORATION**

**PROPOSED CLAY COUNTY ECONOMIC DEVELOPMENT OFFICE
GREEN COVE SPRINGS, CLAY COUNTY, FLORIDA**

GSE PROJECT NO. 16102

Prepared For:

WALKER ARCHITECTS

JULY 2023

July 10, 2023

Gaurav Lohiya, Principal
Walker Architects
2035 NW 13th Street
Gainesville, Florida 32609

Subject: Summary Report of a Geotechnical Site Exploration
Proposed Clay County Economic Development Office
Green Cove Springs, Clay County, Florida
GSE Project No. 16102

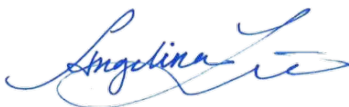
GSE Engineering & Consulting, Inc. (GSE) is pleased to submit this geotechnical site exploration report for the above referenced project.

Presented herein are the findings and conclusions of our exploration, including the geotechnical parameters and recommendations to assist with building foundation, pavement, and stormwater management designs.

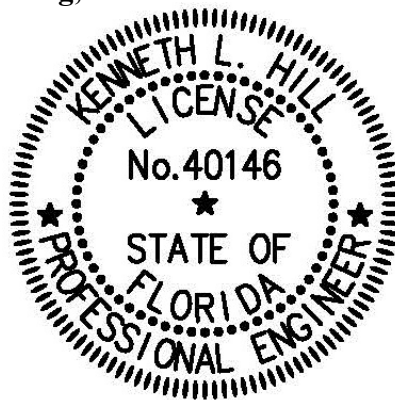
GSE appreciates this opportunity to have assisted you on this project. If you have any questions or comments concerning this report, please contact us.

Sincerely,

GSE Engineering & Consulting, Inc.



Angelina X. Liu, E.I.
Staff Engineer



This item has been digitally signed and sealed by

on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Kenneth L. Hill, P.E.
Principal Engineer
Florida Registration No. 40146

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LIST OF FIGURES

Figure

1. Project Site Location Map
2. Site Plan Showing Approximate Locations of Field Tests

1.0 INTRODUCTION

1.1 General

GSE Engineering & Consulting, Inc. (GSE) has completed this geotechnical exploration for the proposed Clay County Economic Development office in Green Cove Springs, Clay County, Florida. This exploration was performed in accordance with GSE Proposal No. 2023-176 (Rev.2) dated March 22, 2023. Gaurav Lohiya, Principal of Walker Architects, authorized our services on March 22, 2023.

1.2 Project Description

This project consists of a four-story building and associated improvements. The site is located at the south corner of the U.S. Highway 17 and Walburg Street intersection in Green Cove Springs, Clay County, Florida (Figure 1).

Walker Architects provided information about the project and survey of the existing site conditions. The project will consist of a four-story building with a 20,000 square ground floor area (80,000 square feet total area). The building will be constructed in two phases, with two stories initially constructed and two stories planned for the future. The project is also expected to include a parking lot and underground stormwater management facilities. You provided preliminary site plans that show the layout of the proposed improvements.

We anticipate the structure will be either concrete masonry unit or steel and concrete frame construction. Preliminary structural loads were provided and will be on the order of 4 to 10 kips per foot for load bearing walls, and less than 500 kips for columns. Based on the encountered groundwater depth, we anticipate the finished floor of the structure will be set about 2 feet above the existing site grades.

A recent aerial photograph of the site was obtained and reviewed. The site plan and aerial photograph were used in preparation of this exploration and report.

1.3 Purpose

The purpose of this geotechnical exploration was to determine the general subsurface conditions, evaluate these conditions with respect to the proposed construction, and prepare geotechnical parameters and recommendations to assist with building foundation, stormwater management, and pavement designs.

2.0 FIELD AND LABORATORY TESTS

2.1 General Description

The procedures used for field sampling and testing are in general accordance with industry standards of care and established geotechnical engineering practices for this geographic region. This exploration consisted of performing six (6) Standard Penetration Test (SPT) borings to a depth of 40 feet below land surface (bls) within the proposed building area, and six (6) auger borings to a depth of 15 feet bls within the proposed underground stormwater management facilities and pavement areas.

The soil borings were performed at the approximate locations as shown on Figure 2. The borings were located at the site using the provided site plan, Global Positioning System (GPS) coordinates, and obvious site features as reference. The boring locations should be considered approximate. The soil borings were performed from June 22 to 26, 2023.

2.2 Auger Borings

The auger borings were performed in accordance with ASTM D1452. The borings were performed with flight auger equipment that was rotated into the ground in a manner that reduces soil disturbance. After penetrating to the required depth, the auger was retracted and the soils collected on the auger flights were field classified and placed in sealed containers. Representative samples of each stratum were retained from the auger boring. Results from the auger borings are provided in Section 5.1.

2.3 Standard Penetration Test Borings

The soil borings were performed with a drill rig employing flight auger drilling techniques and Standard Penetration Testing (SPT) in accordance with ASTM D1586. The SPTs were performed continuously to 10 feet and at 5-foot intervals thereafter. Soil samples were obtained at the depths where the SPTs were performed. The soil samples were classified in the field, placed in sealed containers, and returned to our laboratory for further evaluation.

After drilling to the sampling depth, the standard two-inch O.D. split-barrel sampler was seated by driving it 6 inches into the undisturbed soil. The sampler was then driven an additional 12 inches by blows of a 140-pound hammer falling 30 inches. The number of blows required to produce the next 12 inches of penetration were recorded as the penetration resistance (N-value). These values and the complete SPT boring logs are provided in Section 5.2.

Upon completion of the sampling, the boreholes were abandoned in accordance with Water Management District guidelines.

2.4 Soil Laboratory Tests

The soil samples recovered from the soil borings were returned to our laboratory, and examined to confirm the field descriptions. Representative samples were then selected for laboratory testing. The laboratory tests consisted of nine (9) percent soil fines passing the No. 200 sieve determinations, nine (9) natural moisture content determinations, and four (4) constant head hydraulic conductivity tests. These tests were performed in order to aid in classifying the soils and to further evaluate their engineering properties. The laboratory tests are provided in Section 5.3.

3.0 FINDINGS

3.1 Surface Conditions

Angelina X Liu, E.I. with GSE visited the site on June 9, 2023 to observe the site conditions and mark the boring locations.

The site is open and easily accessible. There is an existing one-story building near the center of the site, with a parking lot in the eastern portion of the site. The western portion of the site is a mowed lawn. The site is bordered by Palmetto Avenue to the northwest, by Walburg Street to northeast, and by U.S. Highway 17 to the southeast. Developed land border the site on the south.

The topography at the site is relatively flat. Regional topography is gently to moderately sloping. The provided topographic survey indicates the ground surface elevations at the site are near 12 to 14 feet¹, very gently sloping down to the west.

3.2 Subsurface Conditions

The locations of the auger and SPT borings are provided on Figure 2. Complete logs for the borings are provided in Sections 5.1 and 5.2. Descriptions for the soils encountered are accompanied by the Unified Soil Classification System symbol (SM, SP-SM, etc.) and are based on visual examination of the recovered soil samples and the laboratory tests performed. Stratification boundaries between the soil types should be considered approximate, as the actual transition between soil types may be gradual.

The auger borings P-1 to P-5 located in the exist pavement area encountered surficial asphalt overlying limerock base course. The asphalt was 0.75 to 2.0 inches thick, and the limerock was approximately 3.5 to 5.0 inches thick.

The auger borings located in the proposed parking lot, driveways, and underground stormwater management facility areas encountered relatively consistent soil conditions. Auger borings initially encountered 1 to 2.5 feet of silty sand (SM) overlying sand with silt, and poorly graded sand (SP, SP-SM) to the explored depths of 15 feet bls.

The SPT borings located within the proposed building area generally encountered soil conditions similar to those in the stormwater management facility borings. The borings initially encountered 22 to 29 feet of silty sand, sand with silt, poorly graded sand, and sand with silt and clay (SM, SP-SM, SP, SP-SM/SC). This was underlain by silty clayey sand, sand with silt and clay, poorly graded sand (SM-SC, SP-SM/SC, SP) with 3 to 9 feet of interbedded layers of clay-rich soils (CL/CH) to the explored depths of 40 feet bls.

The layers of poorly graded sand, sand with silt, sand with silt and clay and silty sand (SP, SP-SM, SP-SM/SC, SM) are generally in a very loose to very dense condition with N-values ranging from 0 to over 50 blows per foot. The underlying silty clayey sand (SM-SC) is generally in a very loose to medium dense condition with N-values ranging from 1 to 21 blows per foot. The clay-rich soils (CL/CH) are generally in a soft to stiff condition with N-values ranging from 3 to 10 blows per foot.

¹ Conceptual Layout, Sheet No. C-1, Project Number 23-0204.

Weight-of-hammer strength materials were encountered in boring B-3 at depths from 34.5 to 36 feet bls, and boring B-6 at depths from 39 to 40 feet bls. Overall, the borings encountered a lower relative soil strength profile within the clay-rich soil layers.

The groundwater table was encountered in the auger and SPT borings at depths of 2.5 to 3.5 feet bls at the time of our investigation.

3.3 Review of Published Data

The majority of the site is mapped as one soil series by the Soil Conservation Service (SCS) Soil Survey for Clay County². The following soil description is from the Soil Survey.

Leon fine sand – This soil is nearly level and poorly drained. It is in broad areas on the flatwoods. The mapped areas are irregular in shape or elongated and range from 10 to 100 acres. Slopes are smooth and range from 0-2 percent.

Typically, this soil has a surface layer of very dark gray fine sand about 4 inches thick. The subsurface layer, to a depth of about 16 inches, is light gray fine sand. The subsoil is fine sand. The upper part, to a depth of 20 inches, is black. The sand grains are well coated with organic material. The next layer, to a depth of 26 inches, is very dark grayish brown with organic coatings on the sand grains. Below that layer, to depth of 67 inches, the subsoil is dark brown. The low part to a depth of 80 inches, is black with organic coatings on most of the sand grains.

Included with this soil in mapping are small areas of Lynn Haven, Mandarin, Ona, Pottsburg, and Sapelo soils. Also included are soils that are similar to Leon soil, but they are very poorly drained and have a thick surface layer. The included soils make up about 20 percent or less of the map unit.

This soil has a high-water table at a depth of less than 12 inches for 1 to 4 months during most years. It recedes to a depth of more than 40 inches during very dry periods. The available water capacity is low. The permeability is moderate or moderately rapid.

3.4 Laboratory Soil Analysis

Selected soil samples recovered from the soil borings were analyzed for the percent soil fines passing the No. 200 sieve, natural moisture content, and hydraulic conductivity. Samples selected for laboratory testing were collected at depths ranging from 0.5 to 30 feet bls. These tests were performed to confirm visual soil classification and evaluate their engineering properties. The complete laboratory report is provided in Section 5.3.

The laboratory tests indicate the tested soils consist of poorly graded sand (SP), sand with silt (SP-SM), and clay (CL/CH). The tested poorly graded sand (SP) contains approximately 2.8 percent soil fines passing the No. 200 sieve with a natural moisture content of about 29 percent.

The tested sand with silt (SP-SM) contains approximately 5.5 to 11 percent soil fines passing the No. 200 sieve with natural moisture contents of about 8.8 to 21 percent. The tested clay (CH) contains approximately 89 percent soil fines passing the No. 200 sieve with a natural moisture content of about 64 percent.

² Soil Survey of Hamilton County, Florida. Soil Conservation Service, U.S. Department of Agriculture.

The constant head hydraulic conductivity test results indicate the tested sand with silt (SP-SM) has hydraulic conductivity values of 2.6 to 10 feet per day.

4.0 EVALUATION AND RECOMMENDATIONS

4.1 General

The following recommendations are made based upon our understanding of the proposed construction, a review of the attached soil borings and laboratory test data, and experience with similar projects and subsurface conditions. If plans or the location of proposed construction changes from those discussed previously, GSE requests the opportunity to review and possibly amend our recommendations with respect to those changes.

The final design of a foundation system is dependent upon adequate integration of geotechnical and structural engineering considerations. Consequently, GSE must review the final foundation design in order to evaluate the effectiveness and applicability of our initial analyses, and to determine if additional recommendations may be warranted. Without such a review, the recommendations presented herein could be misinterpreted or misapplied resulting in potentially unacceptable performance of the foundation system.

The performance of site improvements may be sensitive to their post-construction relationship to site groundwater levels, seepage zones, or soil/rock characteristics exposed at final site grades. GSE recommends that use of boring information for final design of all site improvements be predicated on proper horizontal and vertical control of borings.

In this section of the report, we present our geotechnical parameters and recommendations to assist with building foundation, stormwater management, and pavement designs as well as our general site preparation guidelines.

4.2 Groundwater

The groundwater table was encountered in the auger and SPT borings at depths of 2.5 to 3.5 feet bls at the time of our exploration. We anticipate the seasonal high groundwater table to be 2 to 2.5 feet bls. Estimates for the seasonal high groundwater tables are presented on the individual boring logs.

4.3 Building Foundations

The soil borings near the proposed building footprint encountered relatively consistent soil conditions. The borings initially encountered 22 to 29 feet of silty sand, sand with silt, poorly graded sand, and sand with silt and clay (SM, SP-SM, SP, SP-SM/SC). This was underlain by silty clayey sand, sand with silt and clay, poorly graded sand (SM-SC, SP-SM/SC, SP) with 3 to 9 feet of interbedded layers of clay-rich soils (CL/CH) to the explored depths of 20 feet bls.

Based upon the soil conditions encountered and our limited understanding of the structural loads and site grading, we recommend the building be supported by conventional, shallow strip and/or spread foundations. We recommend the shallow foundations be designed for a maximum allowable gross bearing pressure of 4,000 psf. The gross bearing pressure is defined as the soil contact pressure that can be imposed from the maximum structural loads, weight of the concrete foundations, and weight of the soil above the foundations. The foundations should be designed based upon the maximum load that could be imposed by all loading conditions.

The foundations should be embedded a minimum of 18 inches below the lowest adjacent grade. Interior foundations or thickened sections should be embedded a minimum of 12 inches. The foundations should have minimum widths of 18 inches for strip footings, and 24 inches for columns, even though the maximum soil bearing pressure may not be fully developed.

Due to the mostly sandy nature of the majority of the near-surface soils, we expect settlement to be mostly elastic in nature. The majority of the settlement will occur on application of the loads, during and immediately following construction. Using the recommended maximum bearing pressure, the assumed maximum structural loads, and the field and laboratory test data which we have correlated into the strength and compressibility characteristics of the subsurface soils, we estimate the total settlements of the structure to be 1 inch or less, with approximately half of it occurring upon load application (during construction).

Differential settlement results from differences in applied bearing pressures and the variations in the compressibility characteristics of the subsurface soils. For the building pad prepared as recommended, we anticipate differential settlement of less than 1/2 inch.

Post-construction settlement of the structures will be influenced by several interrelated factors, such as (1) subsurface stratification and strength/compressibility characteristics of the bearing soils; (2) footing size, bearing level, applied loads, and resulting bearing pressures beneath the foundation; (3) site preparation and earthwork construction techniques used by the contractor, and (4) external factors, including but not limited to vibration from off-site sources and groundwater fluctuations beyond those normally anticipated for the naturally-occurring site and soil conditions which are present.

Our settlement estimates for the structure are based upon our limited understanding of the structural loads and site grading and the use of successful adherence to the site preparation recommendations presented later in this report. Any deviation from our project understanding and/or our site preparation recommendations could result in an increase in the estimated post-construction settlement of the structure.

4.4 Flexible Pavement

Overall soil conditions encountered by our borings at this site are suitable for supporting conventional limerock base and asphalt wearing surface pavements. We have not been provided the anticipated traffic loading conditions; therefore, the following pavement component recommendations should be used only as guidelines. The below recommendations are intended to be minimums. Increasing base course and asphalt thicknesses would increase the design life of the pavement.

We recommend a minimum of either 12 to 24 inches of separation (depending upon the pavement section design) be present between the bottom of the base course and the estimated seasonal high groundwater table. If this separation cannot be achieved by site grading, GSE recommends underdrains be used beneath the base course.

4.4.1 Stabilized Subgrade

If a crushed limerock or recycled concrete base is used, we recommend a stabilized subgrade be located beneath the base. The stabilized subgrade should have a minimum Limerock Bearing Ratio (LBR) of 40, with minimum thicknesses of 6 inches for automobile parking areas and 12 inches for driveways.

The stabilized subgrade can be imported material or a mixture of imported and on-site material. If a mix is proposed, a mix design should be performed to determine the optimum mix proportions. The stabilized subgrade should be compacted to a minimum of 98 percent of the Modified Proctor maximum dry density (ASTM D1557) for soils with less than 15 percent fines content. Soils with 15 percent or greater fines content should be compacted to 100 percent of the Standard Proctor maximum dry density (ASTM D698).

4.4.2 Base Course

The base course can consist of either crushed limerock, soil cement, or recycled concrete. If you should use a soil cement base course, a stabilized subgrade is not required.

Limerock should have a LBR of at least 100, be obtained from a FDOT approved source and meet FDOT gradation requirements. The base course thickness should be a minimum of 6 inches in automobile parking areas, and 8 inches in driveway areas. The base course should be compacted to at least 98 percent of the Modified Proctor maximum dry density (ASTM D1557). We recommend a minimum 24 inches separation between the bottom of the limerock base course and the estimated seasonal high-water table. If site grading does not allow for this separation, we recommend underdrains be considered.

Soil cement can consist of an imported material or a blend of the on-site soils and cement. A mix design should be performed to determine the optimum cement content. We recommend the soil cement have a minimum 28-day compressive strength of 500 psi. Soil cement can be blended off-site (in a pug mill) or on site. Soil cement pills should be cast from each day's production to verify the recommended compressive strength has been achieved at 28 days. We recommend the soil cement base course be a minimum of 8 inches thick throughout the project. We recommend a minimum 18 inches separation between the bottom of the soil cement base course and the estimated seasonal high water table. If site grading does not allow for this separation, we recommend underdrains be considered.

Recycled concrete should have an LBR of at least 150, be obtained from a FDOT approved source and meet FDOT gradation requirements. The base course thickness should be a minimum of 8 inches. The base course should be compacted to at least 98 percent of the Modified Proctor maximum dry density (ASTM D1557). We recommend a minimum 12 inches separation between the bottom of the recycled concrete base course and the estimated seasonal high water table. If site grading does not allow for this separation, we recommend underdrains be considered.

4.4.3 Wearing Surface

The asphalt-wearing surface should consist of an FDOT Type SP Hot Mix Asphalt mixture. For automobile parking areas, the thickness should be a minimum of 1.5 inches. For driveway areas, the thickness should be a minimum of 2 inches. The asphalt-wearing surface should consist of an SP-12.5 mix. The asphalt should be compacted to at least 95 percent of the mix design density.

The constructability of differing asphalt thicknesses may be difficult, and having a uniform 2-inch-thick asphalt wearing surface may be more practical.

4.5 Rigid Pavement

Concrete pavement is a rigid pavement that results in smaller load transfers to the subgrade soils than flexible pavement. For concrete pavement subgrade, we recommend using the existing surficial sands or recommended clean sand (SP) fill, compacted to at least 98 percent of the Modified Proctor maximum dry density without additional stabilization with the following stipulations:

1. Subgrade soils must be compacted to at least 98 percent of Modified Proctor maximum dry density to a depth of at least 2 feet prior to placement of concrete.
2. The surface of the subgrade soils must be smooth and any disturbances or wheel rutting corrected prior to placement of the concrete.
3. The subgrade soils must be moistened prior to placement of concrete.
4. Concrete pavement thickness should be uniform throughout, with the exception of thickened edges (curb or footing).
5. The bottom of the pavement should be separated from the estimated seasonal high groundwater level by at least 18 inches.
6. Limerock or any other impermeable base is not suitable unless it meets the minimum recommended permeability of 10 ft/day.
7. The upper 12 inches of subgrade underlying the base course must also be “free-draining” and water that enters the base and subgrade must be allowed to seep out by gravity or if this is not possible, underdrains must be incorporated into the subgrade. A “bathtub” condition within the base/subgrade must be avoided.

Our recommendations for slab thickness for heavy-duty concrete pavements is based on a.) subgrade soils are compacted to 98 percent of the Modified Proctor maximum dry density, b.) modulus of subgrade reaction (k) of 200 pounds per cubic inch, c.) a 20-year design life, and d.) previously stated design parameters. For an anticipated heavy-duty traffic group, a minimum pavement thickness of 8 inches is recommended, using Table 3.4 from the FDOT *Rigid Pavement Design Manual*, January 2019. For a light-duty traffic group, a minimum pavement thickness of 5.5 inches is recommended, using Table 2.4 from the ACI 330 Guide for Design and Construction of Concrete Parking Lots, ACI 330R-01.

We recommend using concrete with a minimum 28-day compressive strength of 4,000 pounds per square inch and a minimum 28-day flexural strength (modulus of rupture) of at least 600 pounds per square inch based on the third point loading of concrete beam test samples. Minimum control joint spacing of 15 by 15 feet is suggested for heavy duty and 12.5 by 12.5 feet for light duty. Layout of sawcut control joints should form square panels, and the depth of sawcut joint should be at least 1/4 of the concrete slab thickness (a minimum 2-inch sawcut control joint depth for the recommended 8-inch slab thickness). The joints should be sawed within six hours of concrete placement or as soon as the concrete has developed sufficient strength to support workers and equipment.

For further details on concrete pavement construction, refer to “Guide to Jointing Non-reinforced Concrete Pavements” published by the Florida Concrete and Products Associates, Inc. and “Building Quality Concrete Parking Areas”, published by the Portland Cement Association.

4.6 Site Preparation

The soils at this site should be suitable for supporting the proposed construction using normal, good practice site preparation procedures. The following recommendations are our general guidelines for site preparation.

4.6.1 Stripping

Strip the construction limits and 10 feet beyond the perimeter of all grass, roots, topsoil, pavement, and other deleterious materials. You should expect to strip to depths of 12 or more inches. Deeper stripping will likely be necessary due to major root systems present at the site.

4.6.2 Dewatering

Temporary dewatering maybe necessary for this project. However, if needed, we anticipate dewatering can be accomplished with sumps placed near the construction area, or with underdrains connected to a vacuum pump.

In any case, the site should always be graded to promote runoff and limit the amount of ponding. Localized ponding of stormwater is expected without proper grading during construction, and could render previously acceptable surfaces unacceptable.

4.6.3 Proof-Rolling

Proof-roll the subgrade with heavy rubber-tired equipment, such as a loaded front-end loader or dump truck, to identify any loose or soft zones not found by the soil borings. The proof-rolling should be monitored by a geotechnical engineer or qualified technician. Undercut or otherwise treat these zones as recommended by the geotechnical engineer in this report.

4.6.4 Proof Compaction

Compact the subgrade to a density of at least 95 percent of the Modified Proctor maximum dry density (ASTM D1557). The specified compaction should be obtained to a depth of **2 feet** below the foundation bottoms and the existing grade prior to placing fill. Vibratory roller equipment should not be used within approximately 100 feet of existing structures. Lighter “walk-behind” compaction equipment may be used to achieve the degree of compaction.

Should clayey sand be encountered at the bearing surface, this material should be probed and visually confirmed to be unyielding in the upper 12 inches in lieu of density testing. If the foundation excavations penetrate the clayey sand, the excavation should be performed in a manner that reduces soil disturbance. Clayey sand soils (with fines content in excess of 15 percent) that are removed and replaced or appreciably disturbed need to be re-compacted to 98 percent of the Standard Proctor maximum dry density (ASTM D698).

4.6.5 Fill Placement

Imported fill placed to raise the site grades should consist of clean sand having less than 10 percent passing the No. 200 sieve. On-site soils meeting the requirements of Section 4.9 may also be used as structural fill. The fill should be placed in maximum 12-inch loose lifts that are compacted to at least 95 percent of the Modified Proctor maximum dry density (ASTM D1557). If lighter “walk-behind” compaction equipment is used, this may require lifts of 4 inches or less to achieve the required degree of compaction.

4.7 Quality Control and Construction Materials Testing

It should be noted that the geotechnical engineering design does not end with the advertisement of the construction documents. As the geotechnical engineer of record, GSE is the most qualified to perform the construction materials testing that will be required for this project. The benefits of having the geotechnical engineer of record also perform the construction materials testing are numerous. If GSE continues to be involved with the project through construction, we will be able to constantly re-evaluate and possibly alter our geotechnical recommendations in a timely and cost-effective manner once final design and construction techniques are developed. This often results in cost savings for the project.

We recommend performing compaction testing beneath the concrete floor slab and the building foundations. We recommend one test be performed every 50 linear feet of continuous footing and every other column footing, per foot depth of fill or native material. We recommend a compaction test be performed for each 2,500 square feet of floor area or 10,000 square feet of pavement area per foot of fill or native material, or a minimum of three tests each, whichever is greater. Test all footing excavations to a depth of **24 inches** at the frequencies stated above.

4.8 Stormwater Management

The soil conditions at the stormwater management facility are relatively consistent. The borings initially encountered 1 to 2.5 feet of sand with silt to silty sand (SP/SM, SM) overlying sand with silt, and poorly graded sand (SP, SP-SM) to the explored depths of 15 feet bls.

The water table was encountered in the auger borings at 3 to 3.5 feet bls at the time of our exploration. We anticipate the seasonal high groundwater table to be 2.0 feet bls.

The laboratory permeability tests indicate the tested sand with silt (SP-SM) has hydraulic conductivity values of 2.6 to 10 feet per day. The sand with silt encountered just below land surface was not tested for hydraulic conductivity, but these soils are very fine and are expected to have hydraulic conductivity values at least one order of magnitude lower than the deeper sand with silt. In our opinion, this upper soil layer will significantly limit the recovery of the stormwater facilities. To improve the overall infiltration characteristics of the subgrade beneath the stormwater facilities, ***we recommend the areas of stormwater management facilities, and to a distance of 5 feet beyond the perimeter of underground systems, be excavated/undercut and replaced with clean sand fill having less than 5 percent soil fines passing the No. 200 sieve. The intent is to remove these semi-confining soils from beneath the stormwater systems to improve their recovery characteristics. These soils consist of the dark brown sand with silt to silty sand. Excavating to depths of 2 to 3 feet is anticipated. These excavated soils are suitable for use as fill in other areas of the site.***

Based upon our findings and test results and our recommended subgrade remediation beneath the stormwater systems, our recommended soil parameters for the stormwater management design in the explored areas are presented below. The recommended parameters consider the results of the permeability tests, wash 200 determinations, and our experience with these types of soils. The parameters below do not consider a factor of safety.

Proposed Stormwater Management Facility

1. Base elevation of effective or mobilized aquifer (average depth of confining layer) equal to 25 feet bls (based upon adjacent SPT borings).
2. Unsaturated vertical infiltration rate of 20 feet per day (based upon expected values for clean sand fill beneath the systems).
3. Horizontal hydraulic conductivity equal to 6 feet per day.
4. Specific yield (fillable porosity) of 25 percent.
5. Average seasonal high groundwater table depth equal to 2 feet bls.

4.9 Fill Suitability

The soils encountered at this site within the explored depths range from sands (SP) to clays (CL/CH). A discussion of the suitability for reuse as structural fill for each soil classification according to the Unified Soil Classification System (USCS) designation is provided below.

SP, SP/SM – Sands (SP) and sand with silt (SP/SM) have less than 5 percent and 12 percent soil fines passing the No. 200 sieve, respectively, and are typically well draining soils that are suitable for reuse as structural fill. The sands with silt may require moisture conditioning (drying) to make the material more workable. These soils will require stockpiling and drying before they are reused if they are excavated from below the water table.

SM – Silty sands (SM) can have between 12 percent and 50 percent soil fines passing the No. 200 sieve. Silty sands are typically non-plastic or have low plasticity, and can be reused as structural fill with precautions. Silty sands can be moisture sensitive and difficult to work and compact and can rut if the moisture content is near or above the optimum moisture content. We recommend these soils be moisture conditioned (dried) so that the moisture content during use is at or below the optimum moisture content. Aerating and exposure to the sun are typically the most effective methods of drying these soils. It may not be practical to reuse these materials during the wet season, as frequent rain showers may not allow these soils to dry to a workable moisture content. Suitable silty sands are limited to soil having less than 30 percent soil fines passing the No. 200 sieve. Silty sands with more than 30 percent soil fines are especially moisture sensitive, and are not recommended for reuse as structural fill. These soils will behave more as sandy silt, and for this reason, very silty sands having more than 30 percent soil fines passing the No. 200 sieve have been assigned a dual classification of SM/ML. Silty sand soils that are excavated from below the water table are not recommended for reuse as structural fill due to the amount of time that will be required to dry these soils to a workable condition.

SC – Clayey sand (SC) soils can have between 12 percent and 50 percent soil fines passing the No. 200 sieve. Clayey sands can have a high range of plasticity, varying from a PI of 7 or greater and plotting above the A-line to highly plastic. Friable clayey sands are typically suitable for use as structural fill with precautions. Clayey sands will be moisture sensitive and difficult to work and compact and can rut during placement if the moisture content is near or above the natural moisture content. We recommend these soils be moisture conditioned (dried) so that the moisture content during use is at or below the optimum moisture content. Aerating and exposure to the sun are typically the most effective methods of drying these soils. It may not be practical to reuse these materials during the wet season, as frequent rain showers may not allow these soils to dry to a workable moisture content. Suitable clayey sands are limited to soil having less than 30 percent soil fines passing the No. 200 sieve. Clayey sands with more than 30 percent soil fines passing the No. 200 sieve are especially moisture sensitive and are typically highly plastic, and are not recommended for reuse as structural fill. These soils will behave more as sandy clay, and for this reason, very clayey sands having more than 30 percent soil fines passing the No. 200 sieve have been assigned a dual classification of SC/CH or SC/CL. Clayey sand soils that are excavated from below the water table are not recommended for reuse as structural fill due to the amount of time that will be required to dry these soils to a workable condition.

ML, MH, CL, CH – Silts and clays are not suitable materials for reuse as structural fill.

When using on-site soils as fill materials, we recommend the silty and clayey sand soils (SM, SC) be used in the lower depths of the fill. Sand and sand with silt (SP, SP-SM) should be used in the upper portions of the fill. We recommend a minimum of 2 feet of sand (SP, SP-SM) cover the silty and clayey sand fill materials to reduce the potential for soggy surface conditions due to the low permeability characteristics of the silty and clayey sand materials.

4.10 Surface Water Control and Landscaping

Roof gutters should be considered to divert runoff away from the building. The gutter downspouts should discharge a minimum of 10 feet from the structure to reduce the amount of water collecting around the foundations. Where possible, the gutter downspouts should discharge directly into the storm sewer system or onto the asphalt paved areas in order to reduce the amount of water collecting around the foundations. Grading of the site should be such that water is diverted away from the building on all sides to reduce the potential for erosion and water infiltration along the foundation.

With respect to landscaping, it is recommended that any trees and large “tree-like” shrubbery with potential for developing large root systems be planted a minimum distance of half their mature height, and preferably their expected final height, away from the structure. The purpose of this is to reduce the potential for foundation or slab movements from the growth of root systems as the landscaping matures. Consideration should also be given to using landscaping that has a low water demand, so that excessive irrigation is not conducted around the structures.

5.0 FIELD DATA

5.1 Auger Boring Logs



GSE Engineering
 5590 SW 64th St
 Gainesville, FL 32608
 Telephone: 3523773233

CLIENT Walker Architects

PROJECT NAME Proposed Clay County Economic Development Office

PROJECT NUMBER 16102

PROJECT LOCATION Green Cove Springs, Clay County, Florida

DATE PERFORMED 6/26/2023 **BORING NUMBER P-1**

DATE PERFORMED 6/26/2023 **BORING NUMBER P-2**

DRILLING CONTRACTOR Whitaker Drilling

DRILLING CONTRACTOR Whitaker Drilling

GROUND WATER LEVELS: LOGGED BY WDI

GROUND WATER LEVELS: LOGGED BY WDI

▼ AT TIME OF DRILLING 3.2 ft CHECKED BY AXL

▼ AT TIME OF DRILLING 3.5 ft CHECKED BY AXL

▽ ESTIMATED SEASONAL HIGH 2.0 ft

▽ ESTIMATED SEASONAL HIGH 2.0 ft

NOTES Approximate Surface Elevation 12 ft

NOTES Approximate Surface Elevation 12.5 ft

DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	MATERIAL DESCRIPTION	DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	MATERIAL DESCRIPTION
0.0			ASPHALT (0.75")	0.0			ASPHALT (2")
		AU 1	LIMEROCK (4")			AU 1	LIMEROCK (4")
			(SP-SM) Dark brown SAND with silt				(SM) Dark brown silty SAND
			%PASS-200 = 10.4				(SP-SM) Brown SAND with silt
			MC = 14.5				
			▽ (SP-SM) Brown SAND with silt			AU 2 PS	▽ %PASS-200 = 8.4
2.5		AU 2		2.5			MC = 8.9
			▼				k _f = 2.6 ft/day
							▼
5.0				5.0			
7.5		AU 3		7.5		AU 3	
10.0				10.0			
12.5				12.5			
		AU 4	(SP-SM) Gray SAND with silt			AU 4	
13.0				13.0			
15.0			Bottom of borehole at 15.0 feet.	15.0			Bottom of borehole at 15.0 feet.

AB 2 PORTRAIT - GINT STD US.GDT - 7/10/23 07:52 - Q:\PROJECTS\16102 PROPOSED CLAY COUNTY ECONOMIC DEVELOPMENT OFFICE\16102 BORINGS.GPJ



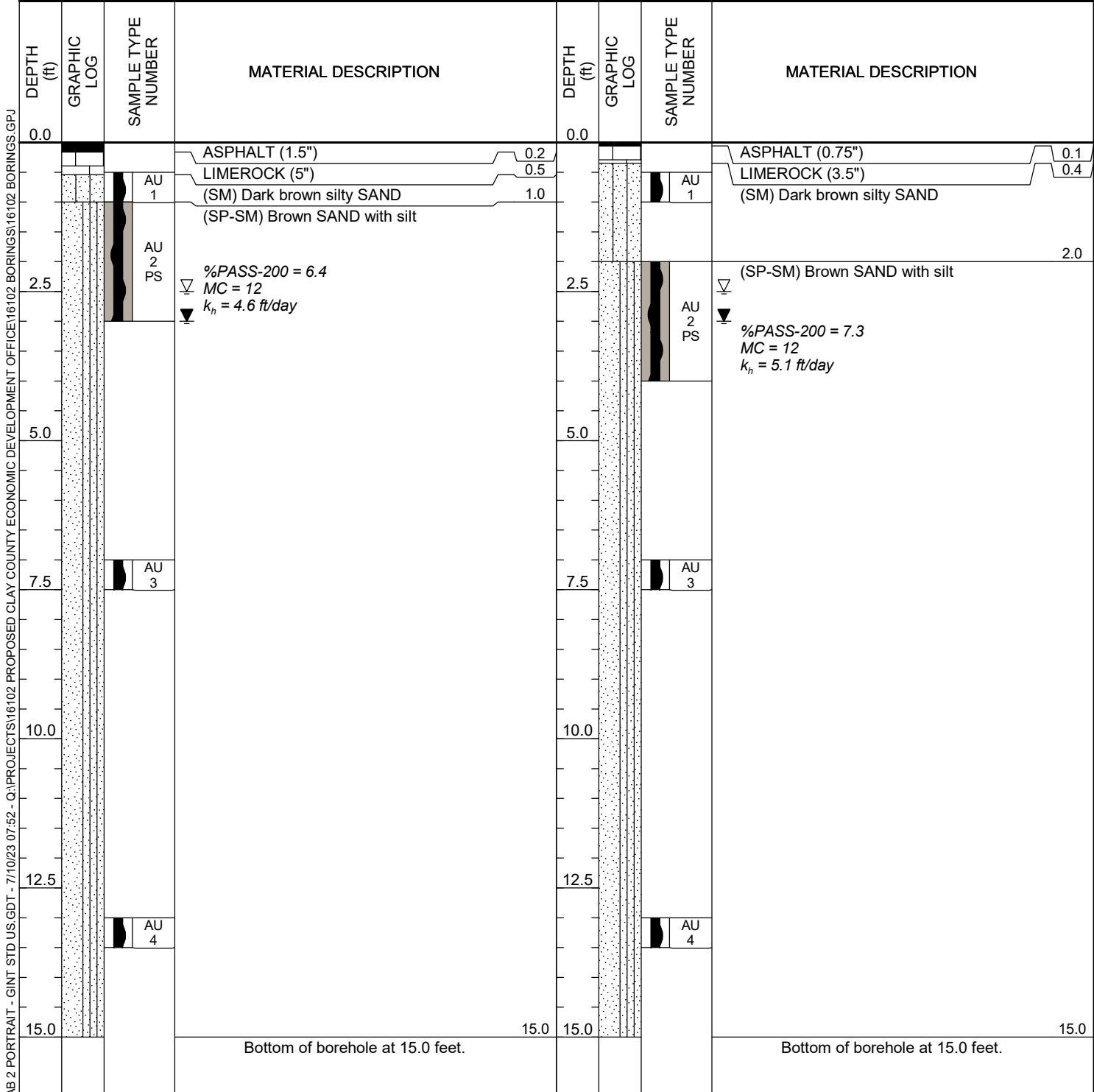
GSE Engineering
 5590 SW 64th St
 Gainesville, FL 32608
 Telephone: 3523773233

CLIENT Walker Architects
 PROJECT NUMBER 16102

PROJECT NAME Proposed Clay County Economic Development Office
 PROJECT LOCATION Green Cove Springs, Clay County, Florida

DATE PERFORMED 6/26/2023 **BORING NUMBER P-3**
 DRILLING CONTRACTOR Whitaker Drilling
 GROUND WATER LEVELS: LOGGED BY WDI
 ▼ AT TIME OF DRILLING 3.0 ft CHECKED BY AXL
 ▼ ESTIMATED SEASONAL HIGH 2.5 ft
 NOTES Approximate Surface Elevation 13.5 ft

DATE PERFORMED 6/26/2023 **BORING NUMBER P-4**
 DRILLING CONTRACTOR Whitaker Drilling
 GROUND WATER LEVELS: LOGGED BY WDI
 ▼ AT TIME OF DRILLING 3.0 ft CHECKED BY AXL
 ▼ ESTIMATED SEASONAL HIGH 2.5 ft
 NOTES Approximate Surface Elevation 14 ft



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CLIENT Walker Architects

PROJECT NAME Proposed Clay County Economic Development Office

PROJECT NUMBER 16102

PROJECT LOCATION Green Cove Springs, Clay County, Florida

DATE PERFORMED 6/26/2023 **BORING NUMBER P-5**
 DRILLING CONTRACTOR Whitaker Drilling
 GROUND WATER LEVELS: LOGGED BY WDI
 ▼ AT TIME OF DRILLING 3.0 ft CHECKED BY AXL
 ▽ ESTIMATED SEASONAL HIGH 2.5 ft
 NOTES Approximate Surface Elevation 14 ft

DATE PERFORMED 6/26/2023 **BORING NUMBER P-6**
 DRILLING CONTRACTOR Whitaker Drilling
 GROUND WATER LEVELS: LOGGED BY WDI
 ▼ AT TIME OF DRILLING 3.3 ft CHECKED BY AXL
 ▽ ESTIMATED SEASONAL HIGH 2.5 ft
 NOTES Approximate Surface Elevation 14 ft

AB 2 PORTRAIT - GINT STD US.GDT - 7/10/23 07:52 - Q:\PROJECTS\16102 PROPOSED CLAY COUNTY ECONOMIC DEVELOPMENT OFFICE\16102 BORINGS.GPJ

DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	MATERIAL DESCRIPTION	DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	MATERIAL DESCRIPTION
0.0			ASPHALT (1")	0.0			(SM) Dark brown silty SAND
		AU 1	LIMEROCK (4")			AU 1	
			(SM) Dark brown silty SAND				1.0
2.5		AU 2	(SP-SM) Brown SAND with silt	2.5		AU 2 PS	%PASS-200 = 5.5 MC = 8.8 k _f = 10 ft/day
5.0				5.0			6.0
7.5				7.5		AU 3	(SP) Pale brown and gray SAND
10.0				10.0			
12.5		AU 3		12.5		AU 4	
15.0			Bottom of borehole at 15.0 feet.	15.0			Bottom of borehole at 15.0 feet.

5.2 Standard Penetration Test Soil Boring Logs



GSE Engineering
 5590 SW 64th St
 Gainesville, FL 32608
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BORING NUMBER B-1

CLIENT Walker Architects
PROJECT NUMBER 16102
DATE STARTED 6/22/23 **COMPLETED** 6/22/23
DRILLING CONTRACTOR Whitaker Drilling
DRILLING METHOD Mud Rotary
LOGGED BY WDI **CHECKED BY** AXL

PROJECT NAME Proposed Clay County Economic Development Office
PROJECT LOCATION Green Cove Springs, Clay County, Florida
GROUND ELEVATION 12 ft **HOLE SIZE**
GROUND WATER LEVELS:
 ▼ **AT TIME OF DRILLING** 2.6 ft
 ▼ **ESTIMATED SEASONAL HIGH** 2.0 ft

NOTES

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	CONTACT DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	PERCENT PASS NO. 200 SIEVE	MOISTURE CONTENT, %	▲ SPT N VALUE ▲								
											20	40	60	80					
0		(SP-SM) Loose gray SAND with silt																	
2.5	▽	(SP-SM) Loose to medium dense brown SAND with silt	2.5	SPT 1	3-3-3 (6)														
				SPT 2	3-3-4 (7)														
5				SPT 3	3-4-4 (8)														
				SPT 4	7-8-10 (18)														
				SPT 5	9-10-15 (25)														
10				SPT 6	6-9-12 (21)														
15				SPT 7	9-9-10 (19)														
20				SPT 8	4-7-8 (15)														

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BORING NUMBER B-2

CLIENT Walker Architects
PROJECT NAME Proposed Clay County Economic Development Office
PROJECT NUMBER 16102
PROJECT LOCATION Green Cove Springs, Clay County, Florida
DATE STARTED 6/26/23 **COMPLETED** 6/26/23
GROUND ELEVATION 12 ft **HOLE SIZE** _____
DRILLING CONTRACTOR Whitaker Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary **▼ AT TIME OF DRILLING** 3.5 ft
LOGGED BY WDI **CHECKED BY** AXL **▽ ESTIMATED SEASONAL HIGH** 2.0 ft
NOTES _____

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	CONTACT DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	PERCENT PASS NO. 200 SIEVE	MOISTURE CONTENT, %	▲ SPT N VALUE ▲
0		(SM) Medium dense dark gray silty SAND									20 40 60 80
2	▽	(SP-SM) Medium dense to dense brown SAND with silt	2	SPT 1	3-3-9 (12)						▲
	▼			SPT 2	10-10-12 (22)						▲
5				SPT 3	13-14-17 (31)						▲
6.5		(SP) Dense pale brown and gray SAND	6.5	SPT 4	13-16-20 (36)						▲
				SPT 5	13-17-21 (38)						▲
				SPT 6	15-20-25 (45)						▲
10											
13.5		(SP) Loose brown SAND	13.5	SPT 7	4-5-3 (8)						▲
15											
18.5		(SP-SM) Loose to medium dense gray SAND with silt	18.5	SPT 8	6-6-7 (13)						▲
20											

(Continued Next Page)



GSE Engineering
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 Gainesville, FL 32608
 Telephone: 3523773233

BORING NUMBER B-3

CLIENT Walker Architects **PROJECT NAME** Proposed Clay County Economic Development Office

PROJECT NUMBER 16102 **PROJECT LOCATION** Green Cove Springs, Clay County, Florida

DATE STARTED 6/26/23 **COMPLETED** 6/26/23 **GROUND ELEVATION** 13 ft **HOLE SIZE** _____

DRILLING CONTRACTOR Whitaker Drilling **GROUND WATER LEVELS:**

DRILLING METHOD Mud Rotary **▼ AT TIME OF DRILLING** 3.0 ft

LOGGED BY WDI **CHECKED BY** AXL **▽ ESTIMATED SEASONAL HIGH** 2.0 ft

NOTES _____

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	CONTACT DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	PERCENT PASS NO. 200 SIEVE	MOISTURE CONTENT, %	▲ SPT N VALUE ▲								
											20	40	60	80					
0		(SP-SM) Loose dark gray SAND with silt																	
	▽	(SP) Loose to medium dense pale brown SAND	2	SPT 1	2-3-5 (8)				11	12									
	▼	(SP) Medium dense pale brown SAND	4	SPT 2	4-5-6 (11)														
5				SPT 3	7-10-10 (20)														
				SPT 4	9-9-8 (17)														
				SPT 5	8-9-10 (19)														
10				SPT 6	7-14-16 (30)														
15				SPT 7	5-8-8 (16)														
18.5		(SP) Loose brown SAND	18.5	SPT 8	3-4-5 (9)														
20																			

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BORING NUMBER B-4

CLIENT Walker Architects
PROJECT NUMBER 16102
DATE STARTED 6/22/23 **COMPLETED** 6/22/23
DRILLING CONTRACTOR Whitaker Drilling
DRILLING METHOD Mud Rotary
LOGGED BY WDI **CHECKED BY** AXL

PROJECT NAME Proposed Clay County Economic Development Office
PROJECT LOCATION Green Cove Springs, Clay County, Florida
GROUND ELEVATION 14 ft **HOLE SIZE**
GROUND WATER LEVELS:
 ▼ **AT TIME OF DRILLING** 3.3 ft
 ▼ **ESTIMATED SEASONAL HIGH** 2.0 ft

NOTES

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	CONTACT DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	PERCENT PASS NO. 200 SIEVE	MOISTURE CONTENT, %	▲ SPT N VALUE ▲								
											20	40	60	80					
0		(SP-SM) Loose gray SAND with silt																	
2.5	▽	(SP-SM) Very loose to loose brown SAND with silt	2.5	SPT 1	2-3-3 (6)														
	▽			SPT 2	3-3-1 (4)														
5				SPT 3	1-1-1 (2)														
				SPT 4	1-2-3 (5)														
7.5		(SP) Medium dense pale brown SAND	7.5	SPT 5	1-5-9 (14)														
				SPT 6	7-13-17 (30)														
15				SPT 7	9-7-9 (16)														
20				SPT 8	6-4-8 (12)														

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BORING NUMBER B-5

CLIENT Walker Architects	PROJECT NAME Proposed Clay County Economic Development Office
PROJECT NUMBER 16102	PROJECT LOCATION Green Cove Springs, Clay County, Florida
DATE STARTED 6/22/23	COMPLETED 6/22/23
DRILLING CONTRACTOR Whitaker Drilling	GROUND ELEVATION 13.5 ft
DRILLING METHOD Mud Rotary	HOLE SIZE
LOGGED BY WDI	CHECKED BY AXL
NOTES	
GROUND WATER LEVELS:	
▼ AT TIME OF DRILLING 3.0 ft	
▽ ESTIMATED SEASONAL HIGH 2.0 ft	

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	CONTACT DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	PERCENT PASS NO. 200 SIEVE	MOISTURE CONTENT, %	▲ SPT N VALUE ▲								
											20	40	60	80					
0		(SM) Loose dark gray silty SAND with roots																	
2	▽	(SP-SM) Loose to medium dense brown SAND with silt	2	SPT 1	2-3-6 (9)														
	▼			SPT 2	4-6-7 (13)														
5		(SP-SM/SC) Medium dense brown, gray, and orange SAND with silt and clay	5.5	SPT 3	4-4-5 (9)														
				SPT 4	3-4-9 (13)														
		(SP-SM) Medium dense brown SAND with silt	7.5	SPT 5	4-6-8 (14)														
				SPT 6	3-10-11 (21)				6.5	21									
10																			
				SPT 7	12-11-11 (22)														
15																			
				SPT 8	4-5-9 (14)														
20																			

(Continued Next Page)



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BORING NUMBER B-6

CLIENT Walker Architects
PROJECT NUMBER 16102
DATE STARTED 6/22/23 **COMPLETED** 6/22/23
DRILLING CONTRACTOR Whitaker Drilling
DRILLING METHOD Mud Rotary
LOGGED BY WDI **CHECKED BY** AXL

PROJECT NAME Proposed Clay County Economic Development Office
PROJECT LOCATION Green Cove Springs, Clay County, Florida
GROUND ELEVATION 13 ft **HOLE SIZE**
GROUND WATER LEVELS:
 ▼ **AT TIME OF DRILLING** 2.5 ft
 ▼ **ESTIMATED SEASONAL HIGH** 2.0 ft

NOTES

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	CONTACT DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	PERCENT PASS NO. 200 SIEVE	MOISTURE CONTENT, %	▲ SPT N VALUE ▲								
											20	40	60	80					
0		(SP-SM) Loose dark brown SAND with silt																	
			3	SPT 1	3-2-3 (5)														
		(SP) Loose to medium dense pale brown SAND		SPT 2	4-5-5 (10)														
5				SPT 3	5-7-8 (15)														
				SPT 4	7-7-8 (15)														
			9	SPT 5	7-9-13 (22)														
		(SP) Dense pale brown and gray SAND		SPT 6	7-13-18 (31)														
10																			
			13.5	SPT 7	4-5-6 (11)														
15		(SP) Medium dense brown SAND																	
				SPT 8	4-5-9 (14)				2.8	29									
20																			

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SPT BORINGS - GINT STD US.GDT - 7/10/23 07:54 - Q:\PROJECTS\16102 PROPOSED CLAY COUNTY ECONOMIC DEVELOPMENT OFFICE\16102 BORINGS\16102 BORINGS.GPJ

5.3 Laboratory Results



Engineering & Consulting, Inc.

SUMMARY REPORT OF LABORATORY TEST RESULTS


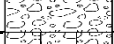




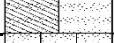
















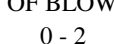
Project Number: 16102

Project Name: Proposed Clay County Economic Development Office

Boring Number	Depth (ft)	Soil Description	Natural Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Percent Passing No. 200 Sieve	Organic Content (%)	Hydraulic Conductivity (ft/day)	Unified Soil Classification
P-1	0.5-1	Dark brown SAND with silt	14.5				10.4			SP-SM
P-2	1-3	Brown SAND with silt	8.9				8.4		2.6	SP-SM
P-3	1-3	Brown SAND with silt	12				6.4		4.6	SP-SM
P-4	2-4	Brown SAND with silt	12				7.3		5.1	SP-SM
P-6	1-3	Brown SAND with silt	8.8				5.5		10	SP-SM
B-1	28.5-30	Gray CLAY	64				89			CL/CH
B-3	1-2.5	Dark brown SAND with silt	12				11			SP-SM
B-5	8.5-10	Brown SAND with silt	21				6.5			SP-SM
B-6	18.5-20	Gray SAND	29				2.8			SP

5.4 Key to Soil Classification

KEY TO SOIL CLASSIFICATION CHART

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests				SYMBOLS		GROUP NAME	
				GRAPHIC	LETTER		
COARSE-GRAINED SOILS More than 50% retained on No. 200 sieve	Gravels	Clean Gravels	$Cu \geq 4$ and $1 \leq Cc \leq 3$		GW	Well graded GRAVEL	
	More than 50% of coarse fraction retained on No. 4 sieve	Less than 5% fines	$Cu < 4$ and/or $1 > Cc > 3$		GP	Poorly graded GRAVEL	
		Gravels with fines	Fines classify as ML or MH		GM	Silty GRAVEL	
		More than 12% fines	Fines classify as CL or CH		GC	Clayey GRAVEL	
		Sands	Clean Sands	$Cu \geq 6$ and $1 \leq Cc \leq 3$		SW	Well graded SAND
	50% or more of coarse fraction passes No. 4 sieve	Less than 5% fines	$Cu < 6$ and/or $1 > Cc > 3$		SP	Poorly graded SAND	
		Sand with fines	Fines classify as ML or MH		SP-SM	SAND with silt	
		5% ≤ fines < 12%	Fines classify as CL or CH		SP-SC	SAND with clay	
		Sand with fines	Fines classify as ML or MH		SM	Silty SAND	
		12% ≤ fines < 30%	Fines classify as CL or CH		SC	Clayey SAND	
		Sand with fines	Fines classify as ML or MH		SM	Very silty SAND	
		30% fines or more	Fines classify as CL or CH		SC	Very clayey SAND	
		FINE-GRAINED SOILS 50% or more passes the No. 200 sieve	Clays	inorganic	$50\% \leq \text{fines} < 70\%$		CL/CH
	$70\% \leq \text{fines} < 85\%$				CL/CH	CLAY with sand	
$\text{fines} \geq 85\%$				CL/CH	CLAY		
Silts and Clays Liquid Limit less than 50	inorganic		$PI > 7$ and plots on/above "A" line		CL	Lean CLAY	
	$PI < 4$ or plots below "A" line			ML	SILT		
	organic		Liquid Limit - oven dried < 0.75		OL	Organic clay	
	Liquid Limit - not dried			OL	Organic silt		
Silts and Clays Liquid Limit 50 or more	inorganic		PI plots on or above "A" line		CH	Fat CLAY	
	PI plots below "A" line			MH	Elastic SILT		
	organic		Liquid Limit - oven dried < 0.75		OH	Organic clay	
	Liquid Limit - not dried		OH	Organic silt			
HIGHLY ORGANIC SOILS	Primarily organic matter, dark in color, and organic odor				PT	PEAT	

CORRELATION OF PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY

No. OF BLOWS, N	RELATIVE DENSITY	No. OF BLOWS, N	CONSISTENCY
0 - 4	Very Loose	0 - 2	Very Soft
5 - 10	Loose	3 - 4	Soft
SANDS: 11 - 30	Medium dense	CLAYS: 5 - 8	Firm
	Dense		Stiff
31 - 50	Dense	16 - 30	Very Stiff
OVER 50	Very Dense	31 - 50	Hard
		OVER 50	Very Hard

No. OF BLOWS, N	RELATIVE DENSITY
0 - 8	Very Soft
9 - 18	Soft
LIMESTONE: 19 - 32	Moderately Hard
33 - 50	Hard
OVER 50	Very Hard

SAMPLE GRAPHIC TYPE LEGEND



Location of SPT Sample



Location of Auger Sample

PARTICLE SIZE IDENTIFICATION

BOULDERS:	Greater than 300 mm
COBBLES:	75 mm to 300 mm
GRAVEL:	Coarse - 19.0 mm to 75 mm
	Fine - 4.75 mm to 19.0 mm
SANDS:	Coarse - 2.00 mm to 4.75 mm
	Medium - 0.425 mm to 2.00 mm
	Fine - 0.075 mm to 0.425 mm
SILTS & CLAYS:	Less than 0.075 mm

LABORATORY TEST LEGEND

LL =	Liquid Limit, %
PL =	Plastic Limit, %
PI =	Plasticity Index, %
% PASS - 200 =	Percent Passing the No. 200 Sieve
MC =	Moisture Content, %
ORG =	Organic Content, %
k_h =	Horizontal Hydraulic Conductivity, ft/day

6.0 LIMITATIONS

6.1 Warranty

This report has been prepared for our client for his exclusive use, in accordance with generally accepted soil and foundation engineering practices, and makes no other warranty either expressed or implied as to the professional advice provided in the report.

6.2 Auger and SPT Borings

The determination of soil type and conditions was performed from the ground surface to the maximum depth of the borings, only. Any changes in subsurface conditions that occur between or below the borings would not have been detected or reflected in this report.

Soil classifications that were made in the field are based upon identifiable textural changes, color changes, changes in composition or changes in resistance to penetration in the intervals from which the samples were collected. Abrupt changes in soil type, as reflected in boring logs and/or cross sections may not actually occur, but instead, be transitional.

Depth to the water table is based upon observations made during the performance of the auger and SPT borings. This depth is an estimate and does not reflect the annual variations that would be expected in this area due to fluctuations in rainfall and rates of evapotranspiration.

6.3 Site Figures

The measurements used for the preparation of the figures in this report were made using the provided site plan and by estimating distances from existing structures and site features. Figures in this report were not prepared by a licensed land surveyor and should not be interpreted as such.

6.4 Unanticipated Soil Conditions

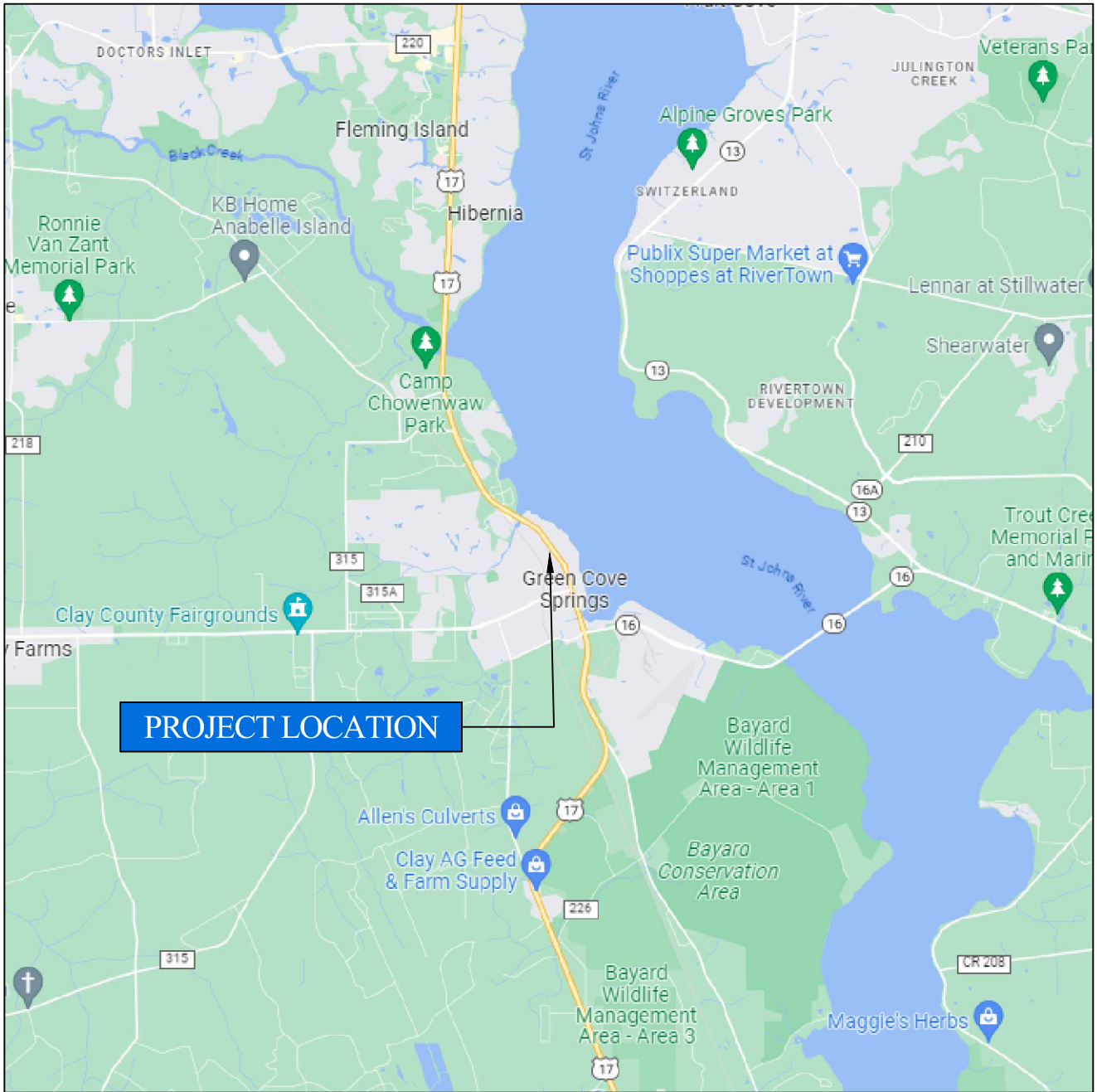
The analysis and recommendations submitted in this report are based upon the data obtained from soil borings performed at the locations indicated on Figure 2. This report does not reflect any variations that may occur between these borings.

The nature and extent of variations between borings may not become known until excavation begins. If variations appear, we may have to re-evaluate our recommendations after performing on-site observations and noting the characteristics of any variations.

6.5 Misinterpretation of Soil Engineering Report

GSE Engineering & Consulting, Inc. is responsible for the conclusions and opinions contained within this report based upon the data relating only to the specific project and location discussed herein. If others make the conclusions or recommendations based upon the data presented, those conclusions or recommendations are not the responsibility of GSE.

FIGURES



NOT TO SCALE

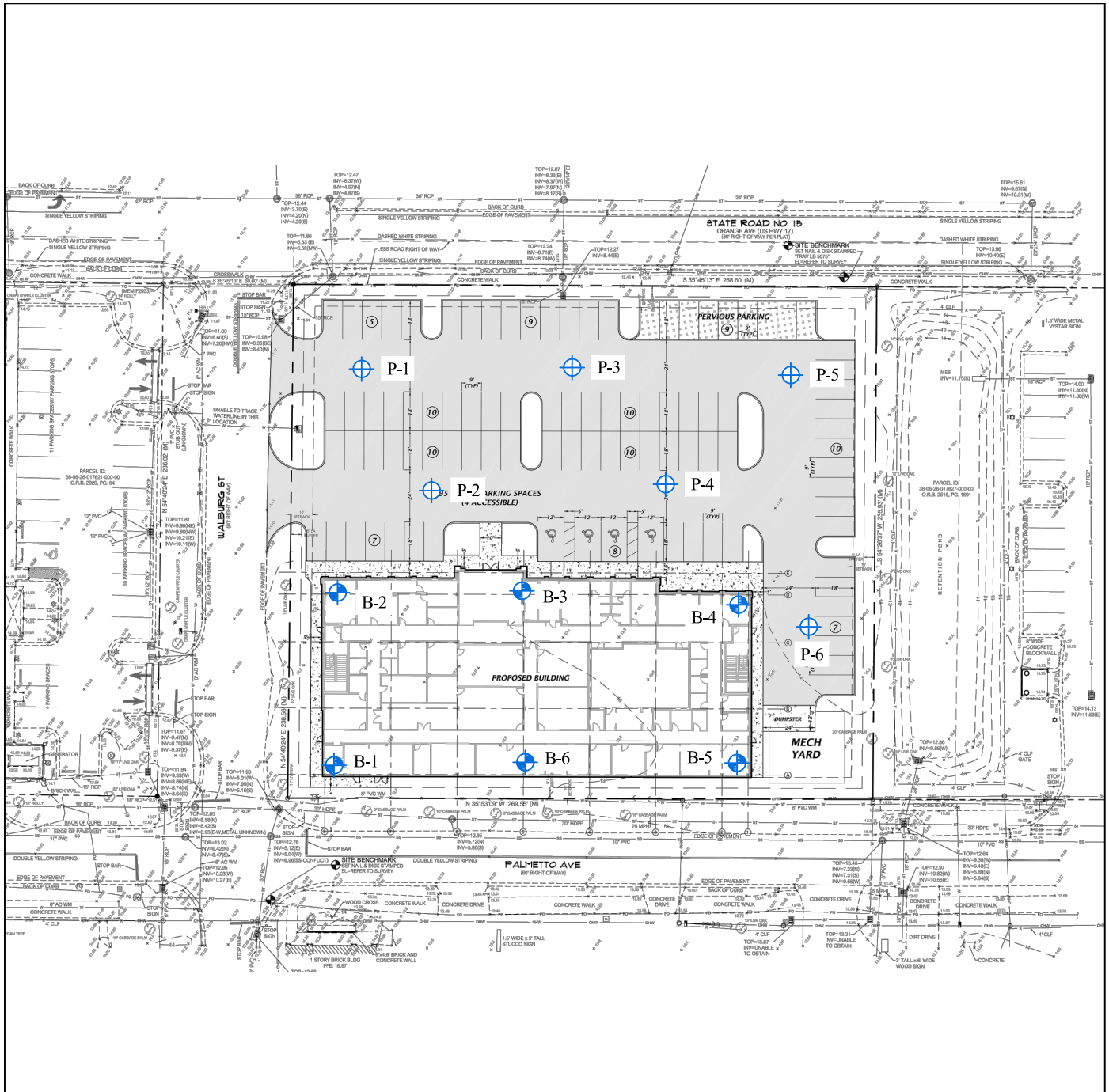
PROPOSED CLAY COUNTY ECONOMIC
DEVELOPMENT OFFICE
GREEN COVE SPRINGS, CLAY COUNTY, FLORIDA
GSE PROJECT NO. 16102

PROJECT SITE LOCATION MAP


DESIGNED BY : AXL
CHECKED BY : KLH
DRAWN BY : AXL

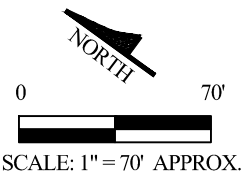


FIGURE
1



LEGEND:

-  SPT BORING
-  AUGER BORING



PROPOSED CLAY COUNTY ECONOMIC
DEVELOPMENT OFFICE
GREEN COVE SPRINGS, CLAY COUNTY, FLORIDA
GSE PROJECT NO. 16102

**SITE PLAN SHOWING APPROXIMATE LOCATIONS OF
FIELD TESTS**

DESIGNED BY : AXL
CHECKED BY : KLH
DRAWN BY : AXL



FIGURE
2