

City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project Change Order No. 21

September 08, 2021

			Amount	Calendar Days	Comp. Date
Contractor:	W.M. Lyles Co.	Original Contract:	\$ 53,312,000.00	820	1/26/2021
Project Name:	Wastewater Treatment Plant Salt Mitigation Upgrade Project	Previous Approved Changes:	\$4,480,315.86	186	5/30/2021
Contract No.:	C18-80	This Change: Amount NTE	\$213,164.76	55	
CO Number:	21	Revised Contract if Approved:	\$57,905,415.91	1061	9/24/2021
		Previous Phase 1 Completion Date			5/20/2020
		Revised Phase 1 Completion Date			9/18/2020

This change order covers changes to the subject contract as described herein. The Contractor shall supply all labor, equipment, and materials to complete the Change Order items for the lump sum price agreed upon herein. All Change Order items must be submitted to the City for approval prior to fabrication.

ltem No.	PCO No.	Description of Changes	Amount	Phase 1 Time Extension (CD*)	Phase 2 / Project Completion Time Extension (CD*)
1	49	BCVWD Requested Changes to Line Connections on 4 th Street	\$15,597.01	0	0
2	50	Plant Effluent Analyzers and Sampler Additions	\$48,501.92	0	0
3	51	Yard Piping – 3in Non-Potable Waterline & Valves	\$17,500.62	0	0
4	53	Fine Screens Cleaning Pressure Washer – Piping & Electrical Additions	\$82,276.27	0	0
5	55	MBR RAS Pumps – Seal Water Backup System	\$11,721.54	0	0
6	57	8" WAS Additional Piping, Valves & Influent Mods to Sludge Holding Tanks	\$37,567.40	0	0
7	59	TIA-07 SCE Delay Decommissioning Existing Power	\$0	0	32
8	60	TIA-08 Inclement Weather Impact Dec-2020 thru Apr-2021	\$0	0	23
		NET CHANGE IN CONTRACT AMOUNT - INCREASE	\$213,164.76	0	55

*Calendar Days

The amount of the Contract will be increased/decreased by Two Hundred-Thirteen Thousand, One Hundred Sixty-Four dollars and seventy-six cents (\$213,164.76). The Contract Time will be increased by zero (55) calendar days.

The Contractor agrees to furnish all labor, equipment, and materials and to perform all other necessary work, inclusive of the directly or indirectly related work, within the approved time extension required to complete the above Change Order items. The undersigned Contractor approves the foregoing Change Order as to the changes, if any, in the Contract Price specified for each item including any and all supervision costs and other miscellaneous costs relating to the change in Work, and as to the extension of time allowed, if any, for the completion of the entire Work on account of said Change Order. The City and the Contractor hereby agree that this Change Order constitutes full mutual accord and satisfaction for all time, all costs, and all impacts related directly or indirectly to this Change Order. The Contractor hereby agrees that this Change Order represents the full equitable adjustment owed under the Contract, and further agrees on behalf of himself and all subcontractors to waive all right to file any further claims or request for equitable adjustment arising out of or as a result of this Change Order or the cumulative effect of this Change Order on the performance of the overall Work under the Contract. This document will become a supplement of the contract and all provisions will apply hereto. It is understood that the Change Order shall be effective when approved by the City.

Recommended:	, MWH Constructors, Senior Resident Engineer	Date:
Accepted:	W.M. Lyles Co., Contractor	Date:
Approved:	Brian P. Knoller Under Vielen Root Under Product Under Pro	<i>Date</i> :
Approved:	City of Beaumont, City Manager	Date:

City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project



City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project

Technical Justification:

PCO-49	
Design Adjustment: WML COP-055 R2 CLAR-26	BCVWD Requested Changes to 8" Potable Water Line

Reason for Design Changes:

After approval of previous Change Order 09, PCO-20, and further review of the final design drawings BCVWD requested additional modifications to the connection tie-ins on the existing 16-inch potable waterline and 24-inch reuse waterline located under 4th Street.

Design and Scope Changes:

These changes are shown on the attached drawing and are summarized as follows:

- There will be no hot tap of the potable water line by the contractor per pre-bid Addendum No.1. Instead, BCVWD will coordinate and perform all street work on the 16" water main and install a 16"x16"x8" Tee with two 16" butterfly valves on either side of the tee and an 8" gate valve on the new line into the project site.
- The recycled water line will terminate short of the road and will not be required to be connected to the existing 24" Recycled Waterline.
- Gate valves shall be Mueller A2361 series or equal, suitable for buried service and shall meet the requirements of Section 400561 and other related sections.
- A temporary 2-inch HDPE potable waterline with isolation valves and fittings shall be installed north of the Brine Meter Vault connecting the 4-inch potable waterline to the existing potable water meter during Phase 1 work.

Cost Impact:

WML's first quote for the work as requested in the Clarification was in the amount for a contract cost increase of \$57,248.37, which included a larger and additional paving repair area. WML's second quote for a cost increase of \$21,971.90 was revised after MWH review and adjustments to \$15,597.01.

MWH has reviewed the attached WML cost proposal and find it acceptable. Accordingly, MWHC recommends a contract cost increase of **\$15,597.01** to be executed in a change order for the modifications requested.

CITY OF BEAUMONT WWTP SALT MITIGATION UPGRADE PROJECT

CHANGE ORDER PROPOSAL (COP) # 055.02 (By Contractor)

To (Engineer/CM):	From (Contractor):
NULL C the t	W M Lyles Co
MWH Constructors	Attention: Oscar Mendoza
Attention: Charles Reynolds	Phone: 610 565 6064
Phone: /02-49/-8024	Email: omendoza@wmlylesco.com
Email: Charles.w.reynolds@stantec.com	Email: offendoza@williylesco.com
PCO/DCM No.: CLAR-26	
Subject: BCVWD Requested Changes to 8" Potable Wat	er Line
Reference Documents: Attached	
DESCR	IPTION
This COP is to modify the Potable Water and Recycled assumes that the City of Beaumont will renew the attach	Water tie-in locations as noted on CLAR 26. It also ed Encroachment Permit at no additional cost.
COST ES	TIMATE
1 otal Cost: \$ 15,597.01. – see attached breakdown.	
SCHEDUL	Е ІМРАСТ
N/A	
Received by MWH Constructors (Date):	

RESPONSE	
D D	D (
Kesponse By:	Date:

Final Distribution: Oscar Mendoza, W.M. Lyles Co. Brian Knoll, Webb Associates MWH Inspector

W. M. Lyles Co. 42142 Roick Drive Temecula, CA 92590

6/15/2021

DCM #20

Reference #:

Attention:

Charles W. Reynolds

City of Beaumont WWTP Salt Mitigation Upgrade Project

DESCRIPTION:

CLAR-26 BCVWD Requested Changes to 8" PW Line

Item:		Unit	Total MH	Tota	al MH Cost	Eq.	Cost	Mat	erial	Su	bcont.	Total Cost	
1	CLAR-26 BCVWD Requested Changes to 8" PW Li	1 LS	71	\$	6,141.59	\$	1,297.90	\$	1,788.84	\$	4,600.00	\$	13,828.34
2		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
3		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
Total	Costs		71	\$	6,141.59	\$	1,297.90	\$	1,788.84	\$	4,600.00	\$	13,828.34

Subtotal		\$ 13,828.34
Mark-up - Labor	15%	\$ 921.24
Mark-up - Equipment	15%	\$ 194.69
Mark-up - Materials	15%	\$ 268.33
Mark-up - Subcontractor	5%	\$ 230.00
Bond	1.0%	\$ 154.43
Total This Change Order		\$ 15,597.01

Comments:

City of Beaumont WWTP Salt Mitigation Upgrade Project

CLAR-26 BCVWD Requested Changes to 8" PW Line

Mini ExcavatorTakeuchiTB260

1 Ton Gang TruckFordF350 Ext Cab

Loader Backhoe 410John Deere410L

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20.037

18.305

30.048

	Descri	ption			La	b Pipe I	FM	Li	ab Pip	e	0	perat	or	С	arp FI	Λ		Carp	1		Lab		Ce	ment	Mason
					ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	РТ	DT	ST	PT	DT	ST	PT	DT
T&M Ticket 5/8/20					2			3			6														
T&M Ticket 5/11/2	0				4			8			14														
T&M Ticket 5/12/2	0				2			2			2														
T&M Ticket 5/14/2	0				2			5																	
T&M Ticket 6/2/20					2			5			<u> </u>														
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					14	0	0	29	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Rate				I	Hours	5																	
Name	ST	PT		DT		ST	PT	DT		Ex	tensi	on													
Lab Pipe FM	\$80.34		\$107.19	\$134.03		14	0	0		5	\$1,12	4.81													
Lab Pipe	\$77.73		\$103.27	\$128.79		29	0	0		5	\$2,25	4.11													
Operator	\$98.67		\$131.84	\$165.00		28	0	0		5	\$2,76	2.67													
Carp FM	\$87.32		\$117.91	\$148.48		0	0	0			\$	0.00													
Carp	\$83.44		\$112.07	\$140.71		0	0	0			\$	0.00													
Lab	\$74.26		\$98.07	\$121.86		0	0	0			\$	0.00													
Cement Mason	\$80.42		\$105.60	\$130.78		0	0	0			\$	0.00													
						71	0	0																	
						Tot	al La	bor =		\$	6,14 [,]	1.59													
P. Equipment																									
B. Equipment	Doscri	ntion				17 230			2.03	7		1 02	Q		0.037	,	-	8 30	5	1	30.04	8		20.0	24
T&M Ticket 5/8/20	Desch	ption				2	•	,	2.03			01.0Z	0	2	3			10.30	5		30.04	0	-	20.0	24
T&M Ticket 5/11/2	0					4									8			1					-		
T&M Ticket 5/12/2	0					2															2				
T&M Ticket 5/14/2	0					2												1							
T&M Ticket 6/2/20						2												2							
T&M Ticket 6/3/20						2									6			1							
						14			0			0			17			5			2			0	
Number	Description				Rate	_		Hours	6	Ex	tensi	on					-						-		
17.230.	1/2 Ton PickupC	hevy1500 C	rew Cab		\$	\$29.60		14			\$41	4.40													
32.037	ReachliftXtreme	XR1055			\$	\$58.61		0			\$	0.00													
31.028	Hydro Crane - 8	0 TonLink Be	eltRTC-8080	II 80 Ton	\$1	164.01		0			\$	0.00													

20.024	ExcavatorCAT330D		\$1	161.78	0	\$0.00
Rent	Owner Op dump trucks		\$	100.00	38	\$0.00
			Tota	l Equi	pment =	\$1,297.90
C. Materia	ls					
		<u>Quantity</u>	Unit	Price		Extension
Backflow Pre	venter Certification	2	ea	\$	100.00	\$200.00
4" Gate Valve	e	1	ea	\$	636.00	\$636.00
4" BNG		1	ea	\$	39.35	\$39.35
2" HDPE Pip	e	65	ft	\$	1.15	\$74.75
2" GSP Tee		1	ea	\$	33.86	\$33.86
2" GSP Pipe	- 3ft	1	ea	\$	111.46	\$111.46
2" Brass Valv	/e	1	ea	\$	68.76	\$68.76
Fill Sand		15	ΤN	\$	16.50	\$247.50
Consumables	s	71	Hr	\$	3.50	\$248.50
Tax		7.750%				\$128.66
					Subtotal	\$1,788.84
				Tota	I Material =	\$1,788.84
D. Subcor	ntractor					
		Quantity	Unit		Price	Extension

	Quantity	<u>Unit</u>	Price	Extension
Traffic Control	1	LS	\$4,600.00	\$4,600.00

Total Subcontract =

\$35.70

\$29.60

\$64.30

17

5

2

\$606.90

\$148.00

\$128.60

PO Box 10, Highland, CA 92346	То:	Estimating W.M. Lyles Co. 1210 W. Olive Ave. Fresno CA 93728	Q D P E	uote : ate : hone: mail:	1394 4/29/2021 (559) 441-1900 acayama@wmlyle	esco.com
I	From:	Jason Jones	C	A Lice	nse: 149783 A, B	
	Phone:	(909) 382-7400	D	IR No:	1000004260	
	rax.	(909) 302-0113		man.	jjones@matic	
We propose to furnish labor and ma SALT WWTP - 4TH ST AC (BEAUMONT, CA	terial in GRIND	accordance with the plans a & OVERLAY	nd specification	s for:		
Item No. Description			Quantity	U/M	Unit Price	Total Price
4TH ST. GIND & OVERLAY						
01 1 TRAFFIC CONTROL			1.0	LS	\$4,600.000	\$4,600.00
01 2 .2 AC GRIND & OVER			4,520.0	51	\$7.700	\$33,264.00
Total for: 4TH ST. GIN	D & OV	ERLAY				\$ 27,964.00
Total Proposal Price:						\$27,964.00

NOTES

- 1. Proposal is good for 30 days.
- 2. If this work is not performed by June 30, 2021, this proposal is subject to a price adjustment.
- 3. Payment will be the 10th of the month following the work.
- 4. Matich Corporation not responsible for damage to unmarked underground utilities.
- 5. Proposal is based on unit prices.
- 6. Quantities are estimated; payment will be by field measured quantities at a minimum of 4,320 SF.
- 7. Includes ONE move-in and ONE shift; additional move-ins are \$17,500/EA.
- 8. If work is to be completed on a seperate move-in new unit pricing will need to be negotiated.
- 9. Prices subject to labor rates, natural gas and OIL INDEX fluctuations.
- Additional work unforseen work not specically included in this quote will be done at a negotiated price or on a time and material basis.

SPECIAL EXCLUSIONS

- 1. Excludes engineering, staking, testing, permits, and inspection fees.
- 2. Excludes hazardous material removal / disposal.
- 3. Excludes asphalt sawing and sealing.
- 4. Excludes import or export of fill material.
- 5. Excludes aggregate base materials.
- 6. Excludes adjustment of manholes, water valves and any utilities.
- 7. Excludes weedkill and crack fill.
- 8. Excludes the cost of bonds; add 0.7% if desired.
- 9. Excludes SWPPP requirements and dust control.



FERGUSON WATERWORKS #1088 1502 COLUMBIA AVE RIVERSIDE, CA 92507-2014 Deliver To: From: John Jacoste Comments:

Phone: 951-674-1323 Fax: 951-674-1084

21:43:50 FEB 09 2021

FERGUSON WATERWORKS #1083 Price Quotation Phone: 951-674-1323 Fax: 951-674-1084

Bid No: Bid Date: Quoted By:	B389935 01/28/21 XJJ	Cust Phone: Terms:	559-487-7926 NET 10TH PROX
Customer:	WM LYLES CO 551173-BEAUMONT WW TRTMT PO BOX 4377 FRESNO, CA 93744	Ship To:	WM LYLES CO 715 W 4TH ST BEAUMONT, CA 92223

Cust PO#: CHANGE ORDER

Job Name: 55.1173-BEAUMONT WW TRTMT

Item	Description	Quantity	Net Price	UM	Total
CF6102UOL	6 FLG RW NRS OL GATE VLV	6	799.090	EA	4794.54
CF6102POL	4 FLG RW NRS OL GATE VLV	2	636.000	EA	1272.00
CF6102MOL	3 FLG RW NRS OL GATE VLV	5	523.150	ΕA	2615.75
DCFM	DOM 3 DI C110 THRD COMP FLG F/ STL	10	47.280	EA	472.80
FNWNBSS61M	3 316 SS 150# FLG NUT/BLT SET	10	16.040	EA	160.40
FNWNA1FFGAM	3 NA 1/8 150# FF GSKT	10	9.980	EA	99.80
JE1905K	LF 2 FIP X FIP BALL CURB ST W/HDL	3	402.310	EA	1206.93
JJ2816K	*NP 2 SQ NUT	3	11.290	EA	33.87
DVBABS36	36 SLIP VLV BX BOT SECT DOM	16	117.720	EA	1883.52
DVBATS16	16 SLIP VLV BX TOP SECT DOM	16	102.030	EA	1632.48
DVBLIDW	TYLER VLV BX LID WTR DOM	16	21.290	EA	340.64
BNM24	3X24 BLK RDY CUT PIPE TBE	10	118.060	EA	1180.60
BNK24	2X24 BLK RDY CUT PIPE TBE	6	46.380	EA	278.28
FNWNBSS61U	6 316 SS 150# FLG NUT/BLT SET	12	49.590	EA	595.08
N150FFG18U	6 NA 1/8 FF 150# GSKT	12	11.980	EA	143.76
FNWNBSS61P	4 316 SS 150# FLG NUT/BLT SET	4	31.150	EA	124.60
N150FFG18P	4 NA 1/8 FF 150# GSKT	4	8.200	EA	32.80
		N	et Total:		\$16867.85
		Tax:			\$1307.26
		Freight:			\$0.00
			Total:		\$18175.11

Item Code	Description	Notice
FNWNBSS61M	3 316 SS 150# FLG NUT/BLT SET	▲ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
FNWNBSS61U	6 316 SS 150# FLG NUT/BLT SET	▲ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
FNWNBSS61P	4 316 SS 150# FLG NUT/BLT SET	A WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



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CORE	CINAIN S

1830 Craig Park Court St. Louis, MO 63146

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INVOICE

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Involce #	K218988
Involce Date	10/23/19
Account #	242591
Sales Rep	JESSE HAVARD
Phone #	909-574-8662
Branch # 168	Corona, CA
Total Amount Due	\$33,373.87
م بمرد برد بر 5 میشدمیند . •	a a conservation of the trade function is a server of the
Remit To:	
CORE & MAIN LP	
PO BOX 28330	
ST. LOUIS, MO 63146	·
and the second se	

W. M. LYLES CO. PO BOX 4377 FRESNO CA 93744-4377

Shipped to: 715 W 4th STREET CITY OF BEAUMONT, CA

CUSTOMER JOB- 55.1173 WTP SALTMITIGAT

Thank you for the opportunity to serve you! We appreciate your prompt payment.

	نابها ومنطباته فالمحمد فاسطاله فالجروي	a da ang ing ang ang ang ang ang ang ang ang ang a		بالعربين التوالة أيستنها والرباد بتهاده والربادي أراري فالمحاف الفتك البيانات وكالسباب وكالسباب والم	••••••••••••••••••••••••••••••••••••••		and the second	
ليهد	Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
	3/03/19	10/22/19	55,1173-4016	WTP SALTMITIGAT	55,1173		CORE & MAIN LP	K218988
	**************************************		and the second of the second s			·······		

ť			Quantity				253
Product Code	Description	Ordered.	Shipped	B/O	Price	UM	Extended Price
0910M041190	4 IPS DR11 HDPE 90 BEND MOLD	2	2		10.90000	EA	21.80
0910M0411T	4 IPS DR11 HDPE TEE MOLD	4	4		16.20000	EA	64.80
0910M040211R	4X2 IPS DR11 HDPE RED MOLD	4	4		7.80000	EA	31.20
0941M040311R	4X3 4100 SDR11 IPS PE RED	2	2		7.75000	EA	15.50
0941P061140	6 IPS DR11 HDPE PIPE 40'	1000	1000		7.49000	FT	7,490.00
0910M061145	6 IPS DR11 HDPE 45 BEND MOLD	7	7		30.30000	EA	212.10
0910M0611T	6 IPS DR11 HDPE TEE MOLD	3	3		39,30000	EA	117.90
0941F060211R	6X2 SDR11 IPS HDPE CONC REDUC- ER	1		1	38.35000	EA	.00
0910M060311T	. 6X3 SDR11-IPS-HDPE-TEE MOLDED	1.	- 1		70:80000	EA	- ~ 70.80-
0910P021120	2 IPS DR11 HDPE PIPE 20'	1340	1340		1.13000	FT	1,514.20
0941F060311R	6X3 SDR11 IPS HDPE REDUCER	3	3		42.68000	ΕA	128.04
0910M060411T	6X4 SDR11 IPS HDPE TEE MOLDED	1	1		118.80000	EA	118.80
0910M060211T	6X2 SDR11 IPS HDPE TEE MOLDED	2	2		117.16000	EA	234.32
0910M0611FA	6 IPS DR11 HDPE FLG ADPT	1	1		25.20000	EA	25.20
0941BUR0511316SS	6 SDR11 316SS IPS BACKING RING	1	1		578.00000	ΕA	578.00
0910M040311T	4X3 SDR11 IPS HDPE TEE MOLDED	5	5		47.52000	EA	237.60
0910M040211T	4X2 SDR11 IPS HDPE TEE MOLDED	1	1		47.52000	EA	47.52
0910M0411FA	4 IPS DR11 HDPE FLG ADPT	5	5		14.73000	EA	73.65

McMASTER-CARR.

Deli 1	vers tomorrow 9-11 am Brass On/Off Valve with Lever Handle, 2 NPT Female 47865K28 Your reference:	1 Each	\$68.76 Each	\$68.76
2	Low-Pressure Pipe Fitting Galvanized Iron Tee Connector, 2 NPT Female 4638K128 Your reference:	1 Each	33.86 Each	33.86
3	Standard-Wall Galvanized Steel Pipe Threaded on Both Ends, 2 NPT, 36" Long 4499K82 Your reference:	1 Each	111.46 Each	111.46

Total	\$247.82
Тах	16.59
Shipping	17.15
Merchandise	214.08

Contact Contact

Delivery method Ground Tomorrow by 11 am

Delivery address W. M. Lyles Co 715 west 4th St Beaumont CA 92223

Delivery attention: Armando Cayama Payment method Invoice

Invoice / receipt preference PO BOX 28130 acayama@wmlylesco.com

Billing address

W. M. Lyles Co PO BOX 28130 Fresno CA 93729

Tax Taxable

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

TIME & MATERIAL SHEET



Project Name SALT MITIGATION UPGRADE Project No. 55.1173 Phase Code 99010 0220 Date 5/8/20

DESCRIPTION OF WORK

EXISTING WATER METER ON FORTH STREET

		LABOR				
NAME	CI	CLASS		ОТ	DT	SHIFT
ERUESTO VELAGUEZ	Fr	η	2			
ANTONIO RAMIREZ	LA	AB	3			
GARY HINER	OF	er.	3			
DANIEL SCHROEDER	AP.	OPER,	3			
	E	QUIPMEN	ľ			(
DESCRIPTION		EQUI	P. NO.	QTY	HRS	SHIFT
FOREMAND TRYCK		17.230			2	-
TAKEUCHI MUNI EX		20	.037		3	
DOB TRUCK	1	15.	182		1	

MATERIAL DESCRIPTION QTY UM

I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

Ver	eification of resources a	With Index Co A /
Signature () Q	LIGSBUR 5/8/20	Signature / hotel the
Print Name		Print Name ROBERT BECK
Title	Date	Title Super Date

W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

TIME & MATERIAL SHEET



Project No. 55,1173 Project Name SALT MITIGATION UPGRADE Phase Code 99010 0220 Date 5/11/20

DESCRIPTION OF WORK

POT HOLE EXCAUATE AND INSTALL 2" HDPE AT EXISTING WATER METER ON FORTH STREET

		LABOR				
NAME	CLA	SS	ST	от	DT	SHIFT
ERUESTO VELASQUEZ	FM		4			
ANTONIO RAMIREZ	LAS	3	8			
GARY HINER	OPE	L.	8			
DANIEL SCHROEDER	AP. OPER		6			
		_				-
All have been as have been as	EQ	UIPMEN	T	- 1	1000	
DESCRIPTION		EQUI	P. NO.	QTY	HRS	SHIFT
FOREMAN TRUCK		17.230		4		
TAKEYCHI MINI EK		20.03		8		
JOB TRUCK		15.	182	1		

MATERIAL QTY DESCRIPTION UM

I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

Verification of Resources only.

CUSTOMER Signature	Bude S/11/20	W.M. Lyles Co. Signature
Print Name		Print Name ROBERT BECK
Title	Date	Title Super Date

W.M. Lyles Co. W. M. LYLES CO. TIME & MATERIAL SHEET PO Box 4377 CONTRACTOR Fresno, CA 93744 Progress Through Performance" Project No. 55,1173 Project Name SALT MITIGATION UPGRADE Phase Code 990100220 Date 5/12/20 DESCRIPTION OF WORK POT HOLE EXCAUATE AND INSTALL 2" HDPE AT EXISTING WATER METER ON FORTH STREET LABOR NAME CLASS ST OT DT SHIFT 2 ERVESTO VELAGOUEZ FM 2 ANTONIO RAMIREZ LAB 2. RICHARD GROSSER OPER. EOUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT Z 17.230 FOREMAN TRUCK 2 30.051 J.D. BACKHOE 410 MATERIAL OTY UM DESCRIPTION I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER Verificant of resources only CUSTOMER W.M. Lyles Co. llas Brance 5/12/20 Signature _7 Signature \ Print Name ROBERT RECK Print Name Title Super

Date

Date

Title

INSTALL 2" HDPE	AND JAL	FWORK	S MET	ER	
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W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

TIME & MATERIAL SHEET



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Project Name SALT ANTIGA	TIO1) (PGRAD	3	Project No	. 55.11	73
Phase Code 99 010, 027	0			Dat	e 6/2	20
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I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

CUSTOMER			W.M. Lyles	co. A	HA
Signature Obverle Bud			Signature	9 111	pa
Print Name MWHC			Print Name	ROBER	T BELK,
Title	Date	6-2-20	Title _	SUPER.	Date 6/2/20

W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

TIME & MATERIAL SHEET



REBUILD DIET BERM	BLE 4	ION OF	WORK	4th 57	REET	
		ABOD				_
NAME	CLAS	ABOR	ST	OT	DT	SHIFT
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JOB TRUCK TAKEYCHI MINI GX.		20.037			6	
DES	MA	TERIAI	,	-	оту	UM
DES	CRIPTION				QTY	

I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

CUSTOMER			W.M. Lyles	co.	11	
Signature Clellb Buck	-		Signature	1 Kok	11	125
Print Name MUSHC			Print Name	PABLER	TB	Ect-11
Title	Date	6-3-20	Title _	SUPER.	Date	6/2/20

CITY OF BEAUMONT WASTE WATER TREATMENT PLANT SALT MITIGATION UPGRADE PROJECT

CLARIFICATION 26

Fo (Construction Manager): Stantec Attention: Charles Reynolds Phone: 702-497-8024 Email: Charles.w.reynolds@stantec.com From (Engineer): Webb Associates							
	Attention: Shane Bloomfield Phone: 951-248-4293 Email: shane.bloomfield@webbassociates.com						
Subject: Changes to Clarifie	cation 15	Location: Yard					
Reference Documents : C-26							
	CLARIF	ICATION					
Note the following: The BCVWD has requested char are shown on the attached drawi 1. No hot tap of the potable	nges to the connection poi ing and are summarized a le water line. Instead, the	nts of the water line and rec s follows: Contractor will be required	cycled water line. These changes				
 The BCVWD has requested changes to the connection points of the water line and recycled water line. These changes are shown on the attached drawing and are summarized as follows: No hot tap of the potable water line. Instead, the Contractor will be required to coordinate with BCVWD for a shutdown of the 16" water main and install a 16"x8" tee with two 16" butterfly valves on either side of the tee and an 8" gate valve on the new line into the project site. This water line is also routed farther west than previously shown. The recycled water line will terminate short of the road and will not be required to be connected to the 24" recycled water main. This line will have a dead end butterfly valve where the line terminates. The butterfly valves shall be Bray Series 31 or equal, suitable for buried service and shall meet the requirements of Section 400564 and other related sections. Gate valves shall be Mueller A2361 series or equal, suitable for buried service and shall meet the requirements of Section 400561 and other related sections. 							
Prepared By (Name): Shane I	Bloomfield, Webb Associ	ates	Date: 12/3/19				
Distributed By:			Date:				



<u>\$</u>		Point No. 93 96 103 104 105 152 153 154	N 2281350,0 2281340,8 2281340,8 2281340,8 2281340,8 228144,8 2281235,6	COORDINATE TAB E 2 6336885.69 8 6336895.05 9 6336895.05 9 6336885.27 9 6336885.27 9 6336885.27 9 6336865.97 7 8336965.70	LE Inv. Elev. 253745 2540.44 2537.49 2537.60 2537.60 2542.00 2542.00 2545.30	Fitting Size COLPINS 12" 45 BEND 16" BFV 16" 45 BEND 12" 725 BEND 12" 745 BEND 8"	SSION CONFERS OR TRANSFERS ANY RIGHTS TO REPRODUCE, USE, 3UA ENGINEERING INC. © COPYRIGHTED 2016 BOUNTIFUL, UTAH				AREA 8 YARD PIPING PLAN
							S TRANSMITTED IN CONFIDENCE NEITHER RECEIPT NOR POSSE. FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF AQ			ENGINEERING	533 W 2600 S, SUITE 275, BOUNTIFUL, UT 84010 PHONE (801) 299-1327 FAX (801) 299-0153
		KEA 4	L Y HY Y HY AREA 5	AREA 8 AREA 6		1" = 20 [.]	D THIS DRAWING IS PROPERTY OF AQUA ENGINEERING INC. AND IS OR DISCLOSE, IN WHOLE OR IN PART, DATA CONTAINED HEREIN F		THE RANGES CIVIL ENGINEERS	A S S O C I A T E S FAX (951) 586-1070 A S S O C I A T E S FAX (951) 586-1256	ENGINEERING CONSULTANTS
ARE	A	1 <i>F</i>	AREA 2	AREA 3		0 1/2 DRAWING IS TO IF BAR MEASUR 1" = FULL SCA 1/2" = HALF 3	1 SCALE SES: ALE SCALE	SH	еет С-	26	



City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project

Technical Justification:

PCO-50						
Design Adjustment:						
WML COP-049 R1	Plant Effluent Analyzers and Sampler Additions					
CLAR-39						
Reason for Design Changes:						

Required to monitor and record the plant effluent water quality new updated instrumentation along with a new sampler is needed. Also required is modifications to the existing sampling control panel, various electrical changes and pump and piping changes.

Design and Scope Changes:

- The contractor shall remove and replace the existing sampling pump and make electrical changes to provide power to a new submersible pump as required in the Clarification attached.
- The fiber to copper media converter will need to be replaced by an unmanaged Ethernet switch with a fiber uplink, to connect to both the new SC4200 and the SC4200 previously installed. Power will also need to be extended to the new SC4200 transmitter and 4-20mA signals from the transmitter to RIO-HW will be sent via the two spare twisted shielded cables.
- Mechanical changes shall include modifications inside the existing panel new piping to the pump station wet-well with stilling well.
- Provide a new control panel to install the new HACH turbidity analyzer with power and enclosure heater.

Cost Impact:

WML's first quote for the work as requested in the Clarification was in the amount for a contract cost increase of \$83,143.04. MWH recommended changes to the clarification and work be performed under T&M conditions. WML completed the work and submitted a revised quote in the amount of \$48,501.92.

MWH has reviewed the attached WML cost proposal and find it acceptable. Accordingly, MWHC recommends a contract cost increase of \$48,501.92 to be executed in a change order for the modifications requested.

CITY OF BEAUMONT WWTP SALT MITIGATION UPGRADE PROJECT

CHANGE ORDER PROPOSAL (COP) # 049.1 (By Contractor)

	Energy (Control story):						
10 (Engineer/CMI):	From (Contractor):						
MWH Constructors	w.IVI. Lyles Co.						
Attention: Charles Reynolds	Attention: Oscar Mendoza						
Phone: 702-497-8024	Phone: 619-565-6064						
Email: Charles.w.reynolds@stantec.com	Email: omendoza@wmlylesco.com						
PCO/DCM No.: CLAR-39, DCM-33							
Subject: Effluent Sampling and Instrumentation							
Reference Documents: Drawing Nos. RWM-1, RWM-4							
DESCRIPTION							
This COP is for the installation of a new ISCO sampler, instrumentation per CLAR 39.	Goulds pump, Analyzer Instrument Panel and						
COST ES	STIMATE						
Total Cost \$48,501.92. – see attached breakdown							
SCHEDULE IMPACT							
None							
Received by MWH Constructors (Date):							

RESPONSE	
Response By:	Date:

Final Distribution: Juan C. Ahumada, W.M. Lyles Co. Brian Knoll, Webb Associates MWH Inspector

W. M. Lyles Co. 42142 Roick Drive Temecula, CA 92590

Reference #: CLAR-39, DCM-33

Attention:

Charles W. Reynolds

City of Beaumont WWTP Salt Mitigation Upgrade Project

DESCRIPTION:

Effluent Sampling and Instrumentation

Item:		Unit	Total MH	Tota	al MH Cost	Eq.	. Cost	Ма	terial	Sub	ocont.	Total Cost	
1	Effluent Sampling and Instrumentation	1 LS	52	\$	4,252.00	\$	730.80	\$	17,237.00	\$	21,398.98	\$	43,618.78
2		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
3		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
Total (Costs		52	\$	4,252.00	\$	730.80	\$	17,237.00	\$	21,398.98	\$	43,618.78

Subtotal		\$ 43,618.78
Mark-up - Labor	15%	\$ 637.80
Mark-up - Equipment	15%	\$ 109.62
Mark-up - Materials	15%	\$ 2,585.55
Mark-up - Subcontractor	5%	\$ 1,069.95
Bond	1.0%	\$ 480.22
Total This Change Order		\$ 48,501.92

Comments:

City of Beaumont WWTP Salt Mitigation Upgrade Project

Effluent Sampling and Instrumentation

A. Labor

	Description			La	b Pipe	FM	Lab Pipe Operato			tor	Carp FM Carp			Lab			Cement Mason								
					ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT
Grade, Form, Reba	ar, Pour, Strip Co	oncrete pad									4			8			8			8		1	4		
Remove Existing F	Pump and Piping				4			4																	
T&M 5/21/21					4			8														ļ			
																					\square	<u> </u>	<u> </u>		
					8	0	0	12	0	0	4	0	0	8	0	0	8	0	0	8		0	4	0	0
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Name	ST	PT		DT		ST	PT	DT	-	E	tens	ion													
Lab Pipe FM	\$80.34		\$107.19	\$134.03		8	0	0			\$64	2.75													
Lab Pipe	\$77.73		\$103.27	\$128.79		12	0	C			\$93	32.73													
Operator	\$98.67		\$131.84	\$165.00		4	0	C			\$39	94.67													
Carp FM	\$87.32		\$117.91	\$148.48		8	0	0			\$69	98.56													
Carp	\$83.44		\$112.07	\$140.71		8	0	0			\$66	67.52													
Lab	\$74.26		\$98.07	\$121.86		8	0	0			\$59	94.09													
Cement Mason	\$80.42		\$105.60	\$130.78		4	0	0			\$32	21.68													
						52	2 0	0					-												
						Tot	tal La	bor =			\$4,25	2.00													

B. Equipment

	Description	17.12	18.31	31.028	30.048	20.041	35.064	Rent
Grade, Form,	Rebar, Pour, Strip Concrete pad	8			4			
Remove Exist	ting Pump and Piping	4						
T&M 5/21/21			4					
		12	4	0	4	0	0	0
Number	Description	Rate	Hours	Extension				
17.12	Foreman Truck	\$29.60	12	\$355.20				
8.000	1 Ton PickupFordF350 XL SRW Crew Cab	\$29.60	4	\$118.40				
31.028	Hydro Crane - 80 TonLink BeltRTC-8080 II 80 Ton	\$164.01	0	\$0.00				
30.048	Loader Backhoe 410John Deere410L	\$64.30	4	\$257.20				
20.041	ExcavatorJohn Deere350GLC	\$151.12	0	\$0.00				
35.064	LoaderJohn Deere644J	\$123.00	0	\$0.00				
17	Foreman Truck	\$29.60	0	\$0.00				
20.041	ExcavatorJohn Deere350GLC	\$151.12	0	\$0.00				
35.064	LoaderJohn Deere644J	\$123.00	0	\$0.00				
Rent	Owner Op dump trucks	\$100.00	0	\$0.00				
			20					
		Total Equipme	ent =	\$730.80				

C. Materials

	Quantity	Unit	Price	2	Extension
Teledyne ISCO, 5800 Refrigerated Sampler	1	ea	\$	7,386.00	\$7,386.00
1/3HP, 115V Goulds Pump LSP0311	1	ea	\$	289.83	\$289.83
8" x 10' Long PVC pipe	1	ea	\$	167.40	\$167.40
8" Strut mount clamp support	3	ea	\$	12.59	\$37.77
1"x10' Long 316SS pipe	1	ea	\$	234.51	\$234.51
1" 90 deg 316SS elbow	4	ea	\$	14.81	\$59.24
1" Tee 316SS	2	ea	\$	23.26	\$46.52
1" Union 316SS	2	ea	\$	32.56	\$65.12
1"Male x 1/2"Female bushing 316SS	3	ea	\$	8.75	\$26.25
1 1/2"Male x 1"Female bushing 316SS	1	ea	\$	20.32	\$20.32
1" nipples	5	ea	\$	10.75	\$53.75
1/2" nipples	5	ea	\$	5.90	\$29.50
Stacked SS strut channel - 10ft long	1	ea	\$	217.94	\$217.94
3/8" SS wedge anchors	3	pk	\$	59.32	\$177.96
Pressure Indicator	1	ea	\$	161.05	\$161.05
24" Plug rental	10	mt	\$	655.86	\$6,558.60
2" x 20' Sch 80 PVC pipe	1	ea	\$	65.89	\$65.89
2" Strut mount clamp support	3	ea	\$	7.59	\$22.77
Tax	7.750%				\$1,210.58
				Subtotal	\$16,831.00
				Freight	\$406.00
			Tota	I Material =	\$17,237.00

D. Subcontractor

	Quantity	Unit	Price	Extension
Southern Contracting	1	LS	\$21,398.98	\$21,398.98

W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

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TIME & MATERIAL SHEET



Project Name Lity of Beaumont WWIP Salt Mitpation Upon	ade Project No. 55.1175
Phase Code 99.010.0370	Date 05/21/21
DESCRIPTION OF V	VORK

Installation of Sumplar at PLUPS.

	LAB	BOR	Contraction of the local distance of the loc	100	STREET.
NAME	CLASS	ST	OT	DT	SHIFT
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Rockney Mchilliams	Lab	4			
Times Bickley		4			
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				-	

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a providence of	DESCRIPTION	QTY	UM

I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

CUSTOMER	D D			W.M. Lyle	es Co.	D	n	01
Signature	have gro	la		Signature	Ye	all	10	ia
Print Name	Charles	REYNOLOS		Print Nam	ie Sin	mansh	a R	obbms
Title	RE	Date	5/24/4	Title	FB		Date	05/25/21

Oscar Mendoza

From:James.Bryan@Ferguson.comSent:Friday, March 26, 2021 1:28 PMTo:Oscar MendozaCc:Samantha RobbinsSubject:RE: BLSP03-R1.pdf

We are on it sir. Thank you for the order and have a great weekend.

James Bryan, Assoc. DBIA Outside Sales Waterworks Division | Treatment Plant Sales Ferguson Waterworks | SoCal C: 951-239-6379 FergusonWaterworks.com [fergusonwaterworks.com] 2020 Waterworks Counter Catalog [ferguson.dirxion.com]

Pollardwater

From: Oscar Mendoza <omendoza@wmlylesco.com> Sent: Friday, March 26, 2021 1:22 PM To: James Bryan <James.Bryan@Ferguson.com> Cc: Samantha Robbins <SRobbins@wmlylesco.com> Subject: RE: BLSP03-R1.pdf

James,

I would like to order one pump. PO # 55.1173. thanks,

Oscar Mendoza | Project Manager W. M. LYLES CO. | Southern Division 42142 Roick Dr. | Temecula, CA 92590 O 951-973-7393 | C 619-565-6064 www.wmlyles.com

From: James.Bryan@Ferguson.com <James.Bryan@Ferguson.com> Sent: Tuesday, December 22, 2020 8:22 AM To: Oscar Mendoza <<u>omendoza@wmlylesco.com</u>> Subject: RE: BLSP03-R1.pdf

Oscar,

I deeply apologize for the delay on this one. Please see pricing below:

\$289.83 each plus tax and freight from New York.

They show this is in stock as of today. Please respond with any questions. Thank you for your time.

James Bryan, Assoc. DBIA Outside Sales Waterworks Division | Treatment Plant Sales Ferguson Waterworks | SoCal C: 951-239-6379 FergusonWaterworks.com [fergusonwaterworks.com] 2020 Waterworks Counter Catalog [ferguson.dirxion.com]

Pollardwater

From: Oscar Mendoza <<u>omendoza@wmlylesco.com</u>> Sent: Monday, December 7, 2020 9:19 AM To: James Bryan <<u>James.Bryan@Ferguson.com</u>> Subject: BLSP03-R1.pdf

James,

I need a quote and lead time for this pump. Thanks

Oscar Mendoza | Project Manager W. M. LYLES CO. | Southern Division 42142 Roick Dr. | Temecula, CA 92590 O 951-973-7393 | C 619-565-6064 www.wmlyles.com

Invoice	P				WM Ly PO Bo Fresno	x 4377 , CA 93744		
III To: PC Fre	M Lyles D Box 4377 esno, CA 9374	14	DECEUVE MAY 10 REC'D By		Ship To W. M. Oscar 715 W BEAU	: Lyles Co. Mendoza O 4th Street MONT, CA 9	951-973-7393 0	C 619-565-6064
Sales Order	Customer	PO	Customer Beference	Payment Ter	rms	Discount	Customer No	Invoice No
0522998	55117340	161		Net 30	inio	Diocount	0009882	S020465446
Carrier	100111010	Tracking	Number	Teledyne Co	ontact Inf	ormation		Invoice Date
JPS Ground		10158009	99	Smith, Ander	rson E.		800/228-4373	5/7/2021
elivery Terms	S	and the second	Named Destination		Packing	g List		RMA Number
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ine Item Nur	mber	Description	on		Tax U/M	Quantity	Unit Price	Amount
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Serial Nu	umber(s):	60580000 221E0015	5: 7					
6858000	15	BTL KIT 2 Configurat 1-liter web bottle rack	4-1L PLST 24-bottle tion. Includes 24 polypro lge shaped bottles with and two discharge tub	opylene caps, es.	ea	1	418.00	418.00
6090043	79	S/L W/STI long vinyl polypropyl coupler.	R 3/8X25 S 3/8 inch ID suction line with standa lene strainer. Includes t	x 25 ft. rd weighted ubing	ea	1	126.00	126.00
These items are con dentified. They may heir original form or	ntrolled by the U.S r not be resold, tra r after being incorp	. Government and nsferred, or other porated into other	f authorized for export only to the wise disposed of, to any other cou items, without first obtaining appro	country of ultimate de untry or to any person oval from the U.S. gov	estination for other than the	use by the ultir ne authorized u as otherwise au	nate consignee or end Itimate consignee or e ithorized by U.S. law a	-user(s) herein nd-user(s), either in and regulations.

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ISCO Everywhereyoulook' www.teledyneisco.com +1-800-228-4373

Federal	LEDYNE IN erywhereyou ID: 95-488828	ISTRUMEN ulook 13	ITS, INC. Page 2	2 of 2	Sold To WM Ly PO Bo Fresno	it to: 1249 Chica ABA# Acct# 2: yles 0x 4377 0, CA 93744	7 Collections Cente go, IL 60693 121-000-358 12331-07806	er Drive
Bill To: WM PO Fre	Lyles Box 4377 sno, CA 93744				Ship To W. M. Oscar 715 W BEAU	: Lyles Co. Mendoza C 4th Street MONT, CA	951-973-7393 92223	C 619-565-6064
Sales Order	Customer F	PO	Customer Reference	Payment Te	rms	Discount	Customer No	Invoice No
00522998	551173406	51		Net 30			0009882	S020465446
Carrier	No. of Concession, Name	Tracking N	Number	Teledyne Co	ontact Inf	ormation		Invoice Date
UPS Ground		10158009	9	Smith, Ande	rson E.		800/228-4373	5/7/2021
Delivery Terms			Named Destination		Packing	g List		and all all all all all all all all all al
ORIG-S&HAd					005402	258		
Line Item Num	iber	Descriptio	n		Tax U/M	Quantity	Unit Price	Amount
68580002	:0	5800 CABL refrigerated 16 unterministruction	E WITH FLY LEADS a sampler multipurpose hated leads, 10 ft. (3 m sheet.	5800 cable with). Includes	ea	1	115.00	115.00

	Shipping & Handling	406	5.00
These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorpore without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.	on for use by the ultimate r country or to any rated into other items,		
Seller's acceptance of this Order is expressly conditioned upon the Buyer's assent to Seller's Terms and Conditions of Sale as stated in Seller's Offer and found at the applicable Teledyne company internet website listed below. Seller is proceeding with the performance of Buyer's Order strictly on this basis. Teledyne ISCO is an indirect subsidiary of Teledyne Technologies Incorporated. Teledyne Ethics Line 1-877-666-6968.	Invoice Amount	7,337.00	USD

ISCO Everywhereyoulook www.teledyneisco.com +1-800-228-4373



SERVICE

www.stemarinc.com

353 S. CENTRAL AVENUE, LOS ANGELES, CALIFORNIA 90013 PHONE TOLL FREE FAX (213) 625-0185 (800) 992-0100 • (888) 4STEMAR (213) 625-0826

	CUSTOMER	JOB LOCATION	***INVOICE***
Г	LYLES, W.M.	715 W 4TH ST.	INVOICE: CON# 43336
	P.O. BOX 4377	BEAUMONT CA 92223	INVOICE DATE: 11/19/2
	FRESNO CA 93744		TERMS: NET 30 DAYS
			INVOICE

ACCOUNT #	a star a star a st	ORIGINAL	L TICKET #	SHIPPED VIA			DATE	TIME	
112032		Org# 393	745-RB5	STEMAR TRUCK		OUT	10/19/20	6:00	AM KBM
	PO/JOB #		ORDERED BY						
	1173		OSCAR		BILL	THRU	11/16/20	6:00	AM KBM

RENEWAL INVOICE DEL:Y P/U:N

Page: 1

QTY	ITEM#	DESCRIPTION	1.00	1.	EXT AMT	NET AMT
121-1	MIN		DAY	WEEK	4 WEEK	
1	2236-0559	12"X24" C BLOCKING PLUG			315.00	315.00
	\$105.00/W		15.00	105.00	315.00	
1	2732-0000	SFTYLINE 1/4>25 GAUGE			48.00	48.00
	\$16.00/W		2.29	16.00	48.00	
1	2715-0000	LIFTING BRIDLES 2'			0.00	0.00
	.00/W		.00			
1	8412-0000	BREATHING REGULATOR			120.00	120.00
	\$10.00/D		10.00	40.00	120.00	
1	8415-0000	CYLINDER 300CU FTFL			160.00	160.00
	\$20.00/D		20.00	80.00	160.00	

Rental Note(s) :

READ INCLUDED SAFETY INSTRUCTIONS CALL +1 (800) 992-0100 IMMEDIATELY IF NOT RECEIVED!!!

--- Payments -----



UNLESS OTHERWISE NOTED, YOUR TERMS ARE "NET 30 DAYS"	RENT	643.00
By signing this contract, I agree that all rental returns are	SALES	0.00
subject to final inspection. Charges for damaged equipment	OTHER	0.00
may be billed on a separate invoice.	ENV FEES	12.86
IF I DO NOT UNDERSTAND OR FORGET THE INSTRUCTIONS I HAVE BEEN GIVEN, OR IF	Addl TAX	0.00
THE EQUIPMENT FAILS I WILL NOT ATTEMPT TO OPERATE OR REPAIR IT. I WILL	SALES TAX	0.00
I have read, discussed and understand the terms and conditions of the Agreement and agree to be bound thereto.	DEPOSIT	0.00
SIGNING PERSONALLY AND FOR THE CUSTOMER:	TOTAL DUE	655.86
X	AMT BILLED	655.86

13:06:19 19-NOV-20

THIS IS YOUR RENTAL AGREEMENT. READ BOTH SIDES BEFORE SIGNING.

Print Name:



FERGUSON WATERWORKS #1088 1502 COLUMBIA AVE RIVERSIDE, CA 92507-2014

Deliver To:

Phone: 951-674-1323 Fax: 951-674-1084

From:	John Jacoste
Comments:	

20:53:01 JUL 13 2021

FERGUSON WATERWORKS #1083 **Price Quotation** Phone: 951-674-1323 Fax: 951-674-1084

Bid No: Bid Date: Quoted By:	B403020 07/13/21 XJJ	Cust Phone: Terms:	559-487-7926 NET 10TH PROX
Customer:	WM LYLES CO 551173-BEAUMONT WW TRTMT PO BOX 28130 FRESNO, CA 93729	Ship To:	WM LYLES CO 551173-BEAUMONT WW TRTMT PO BOX 28130 FRESNO, CA 93729

Cust PO#:

Job Name: 55.1173-BEAUMONT WW TRTMT

ltem	Description	Quantity	Net Price	UM	Total
DR14BPX	8 C900 DR14 PVC GJ BLUE PIPE	20	34.570	FT	691.40
DR18BPX	8 C900 DR18 PVC GJ BLUE PIPE	20	27.820	FT	556.40
P80BK	2 X 20 FT PVC S80 BE PIPE	20	329.450	С	65.89
GSP44LK	2 SS S40 304L A312 WELD PIPE	20	15.190	FT	303.80
GSP44LP	4 SS S40 304L A312 WELD PIPE	40	44.030	FT	1761.20
		N	et Total:		\$3378.69
			Tax:		\$282.12
			Freight:		\$0.00
			Total:		\$3660.81

Item Code	Description	Notice		
P80BK	2 X 20 FT PVC S80 BE PIPE	▲ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov		

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at https://www.ferguson.com/content/website-info/terms-of-sale Govt Buyers: All items are open market unless noted otherwise.

LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with *NP in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection. WATER FLOW RATE NOTICE: Lavatory Faucets with flow rates over 0.5 GPM are not allowed for 'public use' in California.



HOW ARE WE DOING? WE WANT YOUR FEEDBACK!

Scan the QR code or use the link below to complete a survey about your bids: https://survey.medallia.com/?bidsorder&fc=1083&on=25463 Page 1 of 1



Southern Contracting Company P.O. Box 445 San Marcos, CA 92079-0445 Tel 760-744-0760 Fax 760-744-6475 website: www.southerncontracting.com email: info@southerncontracting.com

Change Order Request

Sampler T&M

COR Subject: COR#027 CLAR-039 Effluent

103801 — Wastewater Treatment Plant Salt Mitigation Upgrade

ToJuan C. AhumadaCW.M. LylesCC42142 Roick DriveCCTemecula, CA 92590COR Revisi951-973-7393COR RevisiReturn ToDan AlcantarOther RevisiSouthern Contracting CompanyOther Revisi760-744-0760x621619-778-0681DAlcantar@southerncontracting.comCOR

Contract No:55.1173COR Number:103801-COR#027Rev10COR Revision Number:0COR Date:7/28/2021Work Type:Price / Do Not
ProceedOther Reference No:CLAR-039
Days Valid:5

Scope Of Work / Time Extension Request

The work associated with CLAR-039 Effluent Sampling is a change to Southern Contracting Company's scope of work in which a change in Contract Price and Time is to be considered. Accordingly, Southern Contracting Company requests a Contract Change Order in the amount of \$21,398.98

Scope of Work is as follows:

- On a Time and Materials Basis we will Provide new instrumentation and effluent sampler as indicated by Charles Reynolds (see TSI materials Breakdown).

Southern Contracting provided support to wire the new equipment.

Exclusions: Installation of inline instrumentation, Set up of network and SCADA updates, programming, concrete, concrete pads, dry pack, digging, backfill, surface restoration, Overtime.

Change in time: 5 days

Southern Contracting reserves all rights to additional costs and time for changes not identified in the documents furnished, and is not responsible for additional costs or time for work which is not part of our contract scope of work, unless stipulated above. Should additional information or clarification be required, please contact me at your convenience.

Summary

Total: \$21,398.98

Reservation of Rights

This COR does not include any amount for impacts such as interference, disruptions, rescheduling, changes in the sequence of work, delays and/or associated acceleration. We expressly reserve the right to submit our request for any of these items.

Signed By:

Dated: 7/28/2021

Daniel Alcantar PM

103801 Beaumont Chang Orders Estimator: Dan Alcantar

Job Name: 103801 Beaumont Chang Orders

Contractor:

- Estimator: Dan Alcantar
 - Notes:

Bid Date:

	Material			Labor			
Summary Description	Extended	%	Adjusted	Extended	%	Adjusted	
COR#027 Rev1 CLAR- 039 Effluent	\$0.04	100.00%	\$0.04	0.01	100.00%	0.01	

Top Sheet				
Raw Cost		\$18,423.58	Sales per Month	\$0.00
Тах		\$0.00	Return per Month	\$0.00
Raw Cost with Tax		\$18,423.58	Price per Square Foot	\$0.00
Overhead		\$2,763.54	Hours per Square Foot	0.00
Profit		\$0.00	Square Feet	0.00
Total Return Amount		\$2,763.54	Job Months	0.00
Total Return %		12.91%	Hours per Week	0.00
Price		\$21,187.11	Workers per Day	0.00
Bond		\$211.87	Total Hours	0.01
Sell Price		\$21,398.98	Markup Sales Tax (Overhead)	Yes
Adjusted Sell ()		\$0.00	Markup Sales Tax (Profit)	Yes
Adjusted Sell Return	0.00 %	\$0.00	Use Bond Table	Yes

Labor	Percent	Hours	Hourly	Burd	en	
Class Description	of Total	Distributed	Rate	Rate	Percent	Labor Cost
Journeyman	254777.07%	16.00	\$99.49	\$0.00	0.00%	\$1,591.84
General Foreman	31847.13%	2.00	\$85.51	\$0.00	0.00%	\$171.02
Totals	286624.20%	18.00	\$97.94	\$0.00	0.00%	\$1,762.86

Mark Ups		OVERHEAD				PROFIT		
	Total		%	Amount		%	Amount	
Materials	\$0.04	+	15.00%	\$0.04	+	0.00%	\$0.04	
Labor	\$1,762.86	+	15.00%	\$2,027.29	+	0.00%	\$2,027.29	
Supplier Quotes	\$16,433.00	+	15.00%	\$18,897.95	+	0.00%	\$18,897.95	
SubContractors	\$0.00	+	5.00%	\$0.00	+	0.00%	\$0.00	

7/28/2021 2:40:16 PM McCormick Systems, Inc. Page 1 of 2

Bid Summary Report

103801 Beaumont Chang Orders	Estimator: Dan Alcantar					Job #2336		
Direct Job Expense	\$227.68	+	15.00%	\$261.83	+	0.00%	\$261.83	
Equipment Rental	\$0.00	+	15.00%	\$0.00	+	0.00%	\$0.00	
Totals	\$18,423.58		15.00%	\$21,187.11		0.00%	\$21,187.11	

Tax Report	Taxed Amount	Tax Rate %	Tax Amount
Materials	\$0.04	0.00%	\$0.00
Labor	\$1,762.86	0.00%	\$0.00
Supplier Quotes	\$0.00	0.00%	\$0.00
SubContractors	\$0.00	0.00%	\$0.00
Direct Job Expense	\$0.00	0.00%	\$0.00
Equipment Rental	\$0.00	0.00%	\$0.00
		Total Tax:	\$0.00

Supplier Quot	es				
Name	Supplier	Tax (0.0 %)	Unit Cost M	ultiplier	Amount
TSI CO#010 for CLAR#039		No	\$16,433.00	1.00	\$16,433.00
			Тс	otal:	\$16,433.00
Direct Job Ex	pense				

Name	Supplier	Tax (0.0 %)	Unit Cost M	lultiplier	Amount
Truck		No	\$28.46	8.00	\$227.68
			Т	otal:	\$227.68

Scope Letter: 3 pages

July 22, 2021	Quote Number:	CO#10R1	T
To: Attn:	Southern Contracting Dan Alcantar		S Ir
Project:	Beaumont WWTP Salt Mitigation Beaumont Wastewater Treatment Plant		2
Reference:	CLARIFICATION 39 - Added Effluent Analy	yzer Panel T&M	Fi
Bid Date:	N/A	Bid Time: N/A	

Technical Systems, Inc. (TSI) is pleased to provide a quote for the above referenced project. Material for this project will be shipped FOB Lynnwood WA, complete, ready for field termination by others. TSI's price includes CA sales tax and does not include the cost to bond TSI's portion of the project.

TSI's price for the scope of work detailed on the following pages:

Change Order Proposal Pricing – T&M Up To 7/22/2021: <u>\$16,433.00</u>

Change Scope as Follows:

- Modify LCP-7472 and Add Instrumentation per CLAR-39 T&M Proposal:
 Provide Material as indicated by Charles Reynolds, See Attached Itemization
- Replace pH Sensor for LCP-7472

Hours and Task:

Person	Day	Hrs	Comment
Colin	3/18/2021	1	Quoting and correspondence
Colin	3/19/2021	3	Quoting and Ordering, update BOM and CO documentation
Colin	5/24/2021	1	Coordination
Mike Y	6/24/2021	8	Startup
Colin	6/24/2021	1	Startup Support (Order new pH)
Mike Y	7/14/2021	4	Startup
Colin	7/21/2021	2	CO Documentation
Mike	7/22/2021	2	CO Management
Long			

See Attached Material Sheet.

Terms: Net 30 FOB: Lynnwood WA Freight: Prepaid

This quote is valid for 90 days.

Technical Systems Incorporated

2303 196th Street SW Lynnwood, WA 98036 Tel: (425) 775-5696 Fax: (425) 775-9074 info@tsicontrols.com Please call with any questions you may have concerning pricing or any technical questions.

Sincerely,

Colin Dightman-Kovak

Colin Dightman-Kovak Technical Systems, Inc. 1-425-678-4116

Scope of Work

Misc Equipment:

Including:

- 1. Hardware Procurement
- 2. Required Testing
- 3. O&M, drawings updates

GENERAL

- 1. TSI supplies a bill of materials, CAD-based drawings, and Operations and Maintenance Manuals for all equipment furnished by TSI.
- 2. TSI supplies the required field startup services for this project.
- 3. Panels fabricated by TSI are UL 508 labeled.

STANDARD INCLUSIONS

We provide the following unless specifically excluded on our bill of material:

- 1) Equipment shipped FOB factory with freight allowed, tailgate, destination.
- 2) Field wiring diagrams showing interconnection of field instruments and instrumentation panels.
- 3) Instruction manuals as required.
- 4) All necessary field start-up and calibration of the equipment we supply.

STANDARD EXCLUSIONS

We do <u>NOT</u> include the following unless specifically included in our bill of material:

- 1) Pipe, tubing, valves or fittings between the instrument and the process.
- 2) Conduit, wire or cable not an integral part of the instrument.
- 3) Mounting brackets, stanchions, supports or mounting pads not an integral part of the instrument.
- 4) Labor to install the equipment.
- 5) The Cost, (if due to local union regulations), to have local craftsman make adjustments or wiring modifications to our equipment during
start-up and calibration.

- 6) Any material or services not in our quoted sections.
- 7) This proposal is based on award of a supply purchase order and does not include any of the costs associated with bonding or subcontract administration. If bonding or a subcontract is required they can be provided for additional cost.

SPECIFIC EXCLUSIONS

1) No Specific Exclusions

		Beaumont WW	TP Salt Mitigatio	u
		TSI Proje	ct No. 7781	
TSI Change Order No.: 10R1	Description:	Added Effluent	Turbidity/Condu	ictivity Analyzer Panel
Category	Amount	Units	Rate	Notes
Project Management - design/fabrication	2	Hours	\$170.00/Hr	Management, Design Review
Project Management - programming/commissioning	0	Hours	\$170.00/Hr	
Engineering	∞	Hours	\$170.00/Hr	
Programming	0	Hours	\$170.00/Hr	
Field Engineering	12	Hours	\$145.00/Hr	
Travel Time (Field Engineering)	4	Hours	\$145.00/Hr	
Fabrication	0	Hours	\$145.00/Hr	
Engineering Support (O&Ms, submittals)	0	Hours	\$95.00/Hr	No Drawings or O&M Supplied
CAD	0	Hours	\$95.00/Hr	No Drawings or O&M Supplied
Labor Total	\$4,020.00			
Travel Expenses	\$200.00			by car. 2 days SU @ 100/day gas/meals
Freight Expenses	\$200.23			Est. Freight Costs.
Subcontractors Cost	\$0.00			
Materials	\$11,026.46			
SUBTOTAL:	\$15,446.69			
Bonding @ % of Subtotal:	\$0 [.] 00	0.00%		Bond Rate (if applicable)
Tax:	\$986.30	7.75%		Tax Rate (if taxable)
TOTAL COST:	\$16,433.00			
Notes:				

MATEI	RIAL COST ESTIM	ATE		
Quantity	Cost	Ext. Cost	Part #	Description
1	\$2200.00	\$2,200.00	LXZ524.99.A0006	SC4200c Controller LAN Bundle, Includes SC4200c, LAN Adapter, MSM Startup by Hach
1	\$1018.40	\$1,018.40	D3725E2T	Digital Inductive Conductivity Sensor, Convertible Body Style
1	\$445.00	\$445.00	9180200	Flow Cell Assembly for 3/4" NPT Sensor
				CL17sc Colorimetric Total Chlorine Analyzer, IP66, 1/4" OD Inlet polythylene tube, quick disconnect fitting, 1/2" ID Outlet flexible hose, Pressure Regulator Installation Kit, Wall Mount,
0	\$2095.25	\$0.00	8573000	12VDC, 400mA max
				TU5300sc Low Range Laser Turbidimeter with Flow Sensor, Automatic Cleaning, RFID, and System
1	\$2522.80	\$2,522.80	LXV445.99.53112	Check, EPA Version
1	\$1204.60	\$1,204.60	LZY907.97.00002	Maintenance Kit for TU5300sc and TU5400sc Laser Turbidimeter, with RFID Sealed Vials
		\$0.00		
1	\$829.19	\$829.19	CSD362412SS	Concept Wall Mount Enclosure, NEMA 4X, 36"L x 24"W x 12"D
1	\$53.24	\$53.24	CP3624	Enclosure Backpan, Painted Mild Steel, for Enclosure 36"L x 24"W
1	\$185.85	\$185.85	DAH2001A	Enclosure Heater, 200 W, 120 VAC/1.7 A, Forced Air with Thermostat
1	\$124.45	\$124.45	105TX	Unmanaged Ethernet Switch, 5-port 10/100 Copper, 10-30VDC Supply
		\$0.00		
1	\$1,004.70	\$1,004.70	DPD1P1	pH Sensor to replace the one needing maintenance
		\$0.00		
		\$0.00		
		\$0.00		
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		\$0.00		
		\$0.00		
		\$0.00		
		\$0.00		
		\$0.00		
		\$0.00		
		\$9,588.23	Materials Cost Subtotal	
Inflation percentage: 05	%	\$0.00	Materials Cost Inflation (for parts to b	e purchased more than 6-months out)
		\$9,588.23	Materials Cost + Inflation (if applicabl	e)
Markup percentage: 15	2%	\$1,438.23	Markup	
		\$11,026.46	TOTAL Material Cost + Markup	



2303 196th Street SW Lynnwood, WA 98036 Tel 425.775.5696 Fax 425.775.9074

Service Rates for 2021

The following is a list of hourly rates for Service work that includes Project/Software Engineering, Field Service, and Shop Fabrication and Repair.

Project Engineer/Software Engineer Field Engineer/Technician Shop Technician/Shop Repair \$170.00 per Hour \$145.00 per Hour \$ 95.00 per Hour

Services in excess of 10 hours per day, Monday through Friday, will be billed at 1.5 times the hourly rate. Saturdays, Sundays, and all business holidays will be billed at 2 times the hourly rate. Emergency services are billed at a minimum of four (4) hours plus \$100.00 which is paid to the on-call technician or engineer. All travel time will be billed, portal to portal, at the hourly rate in effect on the day of travel. For employee personal vehicles, mileage will be billed at the IRS standard mileage rate.

General Terms and Conditions

Services will be billed via invoice, with field service reports, every two (2) weeks. All meal expenses are included in the hourly rate. All other expenses, (hotel, airline, rental car, etc.), will be billed at documented cost plus 10% service charge. All invoices are Net 30 days.

Panel fabrication is F.O.B. Lynnwood, Washington.

All prices are net prices and do not include any State, local or use taxes.

Prices are valid for a period of 60 Days unless specified.

Standard Warranty Policy

Technical Systems Inc. warrants defects in material and workmanship for all systems supplied by **Technical Systems, Inc.** for a period of one (1) year beginning on the date of shipment. Individual component warranties will be limited to the published warranty for the component purchased and supplied by **Technical Systems Inc.** All published warranties provided by the component manufacturers will be assigned, in their entirety, to the end user. No warranties are verbally expressed or implied. Defective materials or workmanship will be repaired or replaced free of charge during the warranty period. Labor, travel and other expenses to repair or replace components at the end user's facility will be billed to the end user in accordance with the above Standard Labor Policy.

Expect Excellence

DAILY WORK REPORT

SOUTHERN CONTRACTING COMPANY, INC.

P. O. BOX 445 - SAN MARCOS, CALIFORNIA

60352

LOCATION	BEA N R LA	re usine PR-039	1257.	recor	<u>eu7</u>	<u>-</u> 5		at	DA DA WI EPI	DREMAN C NY OF FER. 7	- E 10 f	<u>ه مام</u> ۲ مام	4 DA	NO. 100. 1E 7- CUAN	103 201 NEL	<u>80 </u> 202
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Construction of the second second

LICENSE #222252

CITY OF BEAUMONT WASTE WATER TREATMENT PLANT SALT MITIGATION UPGRADE PROJECT

CLARIFICATION 39

To (Construction Manager)	Stantec				
ro (Construction Manager).	Attention: Charles Revnol	łs			
	Phone: 702-497-8024				
	Email: Charles.w.reynolds	@stantec.com			
From (Engineer):	Aqua/SKM Engineering				
	Attention: Boris Petkovic				
	Phone: 801-683-3734				
	Email: boris.petkovic@aqu	laeng.com			
Subject: Effluent Sampling	and Instrumentation	Location: Recycled	Water Pump Station		
Reference Documents: Drawin	ng Nos. RWM-1, RWM-4				
	CLARIFIC	ATION			
Note the following:					
The City desires to purchase n modifications to the Recycled W the removal and replacement of	new instrumentation and eff Vater Pump Station and provic 7 the sampling pump. Require	luent sampler. The cla les a list of required instr ed electrical/controls wo	arification outlines the required ruments. This work also includes ork is described below:		
Power for the new submersible the same 2 #10 wires and #10 rerouted to access the new pump need to provide a dedicated out the pump into conduit P7471A documents on sheet LE-15 are s outlet is already installed and a conduit. The fiber to copper media conve order to connect to both the new to the new SC4200 transmitter twisted shielded cables. Conne effluent sampler.	pump will be provided from a ground used to power the cu p location. The submersible p let near the pump's location (A (hardwire is preferred). T howing the sampler being rel- conduit from it over to the ne erter will need to be replaced w SC4200 and the SC4200 pr and 4-20mA signals from th ect the two spare control wir	LP-HW1 through condu rrent metering pump. (pump comes with a plug as shown on RWM-1), he new sampler will a ocated and a new dedica w location should be in by an unmanaged Ether eviously installed. Pow e transmitter to RIO-HV es to a spare discrete o	Conduit P7471A will need to be g, so the subcontractor will either or remove the plug and hardwire lso require power. The original ated outlet for it. We assume this isstalled and power it through that met switch with a fiber uplink, in ver will also need to be extended W will be sent via the two spare utput in RIO-HW to control the		
Prepared By (Name): Boris	Petkovic, Aqua Engineering		Date : Dec. 17, 2020		
Distributed By:	, , , , , , , , , , , , , , , , , , , ,		Date:		
v :			1		





5800 Refrigerated Sampler

The 5800 Refrigerated Sampler is Teledyne ISCO's answer to the rigorous demands of water monitoring, with user-friendly controls and task accommodating features. Along with easy control and on-site programmability, it also has a unique slide-out bottle rack to easily access sample containers.

The only choice for stationary sampling in both municipal and industrial wastewater applications.

The controller actively regulates and displays the sample compartment temperature and logs a 24-hour summary to confirm proper sample cooling. The temperature record is downloadable using a basic utility program, such as Tera Term, or data can be viewed on the unit display.

The 5800 Sampler follows the Teledyne ISCO standard for weather and corrosion resistance. The tough, double-wall LLDPE cabinet protects against exposure in harsh environments. The well-insulated cabinet promotes temperature stability. Samples remain cool in hot and humid conditions, and a built in heater prevents freezing in cold conditions.

Electro- and powder-coating protects the stainless steel components of the refrigeration system, ensuring long life and reliability in corrosive treatment plant conditions.

The 5800 Sampler uses proven peristaltic pump technology to deliver samples at the EPA-recommended line velocity of at least 2 ft/s (0.6 m/s), and at head heights up to 25 feet (7.6 m).

Sample volume accuracy is assured by the pump revolution counter and Teledyne ISCO's liquid detection system.





Applications:

- Wastewater treatment plants
- Industrial pretreatment
- Influent and effluent sampling

Standard Features:

- Composite or sequential sampling
- Operating range of -20 to 120 °F (-29 to 49 °C), without additional heaters
- Four digital alarm outputs
- 4-20 mA and DC pulse flowmeter input
- Powerful compressor delivers energyefficient, high-performance cooling
- Four stored programs
- Lifting handles for easy installation

The 5800 sampler offers different glass and plastic bottle configurations to meet various sampling programs.





5800 Refrigerated Sampler

0 (° 17 (
Power Requirements:	115VAC, 60 Hz, or 230 VAC, 50 Hz
Refrigerator Body:	Linear low-density polyethylene
Weight (empty) :	195 lb (88.5 kg)
Size (HxWxD):	52 x 29 x 33 in (132 x 74 x 84 cm)

Operational Temperature:

-20 $^\circ$ to 120 $^\circ\text{F}$ (-29 $^\circ$ to 49 $^\circ\text{C})$ The display response time may be longer at temperatures below 0 $^\circ\text{F}$

Pump

· •	
Intake Suction Tubing -Length:	3 to 99 ft (0.9 to 30 m)
-Material:	Vinyl or FEP-lined PE
-Inside Diameter:	3/8 in (9 mm)
Pump Tubing Life:	Typically 1,000,000 pump counts
Maximum Suction Lift:	28 ft (8.5 m)
Typical Repeatability:	±5 ml or ±5% of the average volume in a set, whichever is greater, at lifts up to 25 ft
Typical Accuracy at I	. ifts Up to 25 ft: ±10 ml or ±10% of programmed value, whichever is greater
Typical Line Velocity	at Head Height: 3 ft (0.9 m) head height: 3.0 ft/s (0.9 m/s) 10 ft (3 m) head height: 2.9 ft/s (0.88 m/s) 15 ft (4.6 m) head height: 2.7 ft/s (0.82 m/s)
Liquid Presence Dete	ector: Non-wetted, non-conductive sensor detects when liquid sample reaches the pump to automatically compensate for changes in head heights
Controller	
Enclosure Rating:	NEMA 4X, 6 (IP67)
Program Memory:	Non-volatile ROM
Flow Meter Signal Inpu	

Digital Alarms: 4 programmable outputs; 5V, 100 mA Number of Composite Samples:

Programmable from 1 to 999 samples

input or non-Teledyne ISCO flow meters

Software

Sample Frequency:	1 minute to 99 hours 59 minutes, in 1-minute increments 1 to 9,999 flow pulses
Sampling Modes:	Constant time – constant volume, constant time – variable volume, variable time – constant volume, (flow modes are controlled by external flow meter signal)
Programmable Sample V	olumes: 10 to 9,990 ml in 1 ml increments
Sample Retries:	If no sample is detected, up to 3 attempts; user selectable
Rinse Cycles:	Automatic rinsing of suction line up to 3 rinses for each sample collection
Controller Diagnostics:	Tests for RAM, ROM, pump, display, and electrical components

Ordering Information

5800 Refrigerated Sampler

Suction line, strainer, and bottle configuration not included; orde	er separately.
115V/60Hz	68-5800-001
230V/50Hz	68-5800-002
230V/50Hz w/ Chinese Display	68-5800-003

Bottle Configurations

Twenty-four 1-liter PP bottles	. 68-5800-015
Twenty-four 350-ml glass bottles	. 68-5800-016
Four 10-liter round PE bottles	. 68-5800-005
Four 10-liter round glass bottles	. 68-5800-006
Four 20-liter square PE bottles	. 68-5800-019
Two 10-liter round PE bottles	. 68-5800-007
Two 10-liter round glass bottles	. 68-5800-008
One 20-liter round PE bottle	. 68-5800-011
One 20-liter round glass bottle	. 68-5800-012
One 10-liter round PE bottle	. 68-5800-009
One 10-liter round glass bottle	. 68-5800-010
Twenty-four 1-liter ProPak bottles	. 68-5800-017
One 10-liter ProPak bottle	. 68-5800-018

Teledyne ISCO

P.O. Box 82531, Lincoln, Nebraska, 68501 USA Toll-free: (800) 228-4373 • Phone: (402) 464-0231 • Fax: (402) 465-3091

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Teledyne ISCO is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.

TELEDYNE ISC0 Everywhereyoulook™

3700 Series Inductive Conductivity Sensors



Applications

- Drinking Water
- Wastewater
- Clean Water
- Industrial Water
- Metal and Mining
- Chemical
- Food and Beverage
- Pulp & Paper
- Surface Water
- Steam Systems

PT#D3725E2T



Wide Measuring Range

Hach's Inductive Conductivity Sensors measure from 200 up to 2,000,000 microSiemens/cm. A built-in PT1000 resistance temperature detector (RTD) compensates the measured conductivity for changes in process temperature.

Low Maintenance Design

The inductive sensor design eliminates polarization and electrode coating problems that commonly affect conventional contacting electrode-type conductivity sensors.

Versatile Mounting Styles

Sensors can be installed using a choice of four mounting styles - immersion, insertion, union, and sanitary.

Withstands Harsh Environments

The inductive sensor is available in sanitary (CIP) flange style and convertible styles in PFA, polypropylene, PEEK, and PVDF material. Selected sensors can withstand high pressures and temperatures.

Full-Featured "Plug and Play" with Digital SC Controllers

There are no complicated wiring or set up procedures with any Hach SC controller. Just plug in any combination of Hach digital sensors and it's ready to use - it's "plug and play."

One or multiple sensors - the SC controller family allows you to receive data from up to eight Hach digital sensors in any combination using a single controller.

Communications - multiple alarm/control schemes are available using the relays and PID control outputs. Available communications include analog 4-20 mA, digital Modbus (RS485 and RS232) or Profibus DP protocols. (Other digital protocols are available. Contact your Hach representative for details.)



Technical Data*

Range	200 - 2,000,000 microSiemens/cm
Operating Temperature Range	-10 - 200 °C (14 - 392 °F); limited by sensor body material and mounting hardware.
Flow Rate	3 m (10 ft.) per second, maximum
Temperature Sensor	PT1000 RTD
Sensor Cable	Polypropylene and PVDF Sensors: 5 conductor (plus two isolated shields) cable with XLPE (cross-linked polyethylene) jacket; rated to 150 °C (302 °F); 6 m (20 ft.) long
	PEEK and PFA Sensors: 5 conductor (plus two isolated shields) cable with PFA-coated jacket; rated to 200 °C (392 °F); 6 m (20 ft.) long
Wetted Materials	Polypropylene, PVDF, PEEK or PFA
Pressure/	Polypropylene: 6.9 bar at 100 °C (100 psi at 212 °F)
Temperature Limits	PVDF: 6.9 bar at 120 °C (100 psi at 248 °F)
	PEEK and PFA: 13.8 bar at 200 °C (200 psi at 392 °C)
	Maximum pressure is dependent on mounting hardware.

*Subject to change without notice.

In no event will the manufacturer be liable for direct, indirect, special, incidental or consequential damages resulting from any defect or omission in this manual. The manufacturer reserves the right to make changes in this manual and the products it describes at any time, without notice or obligation. Revised editions are found on the manufacturer's website.

Principle of Operation

Inductive conductivity sensors induce a low current in a closed loop of solution, then measure the magnitude of this current to determine the solution's conductivity. The conductivity analyzer drives Toroid A, inducing an alternating current in the solution. This current signal flows in a closed loop through the sensor bore and surrounding solution. Toroid B senses the magnitude of the induced current which is proportional to the conductance of the solution. The analyzer processes this signal and displays the corresponding reading.



Dimensions

In inches (in.).





Common Applications

Industry	Application	Recommended Sensor Style (and Material)
Metals Finishing and Mining	Plating bath monitoring	Convertible (Polypropylene)
	Alkaline/caustic wash	Convertible (Polypropylene)
	Rinse water	Convertible (Polypropylene)
	Pickling processes	Convertible (PVDF)
	Metals recovery	Convertible (PEEK)
	Copper floatation	Convertible (PEEK)
	Scrubbers	Convertible (Polypropylene)
Chemicals and Refining	Acid production	Convertible (PFA)
	Caustic production	Convertible (PFA)
	Phosphates	Convertible (PFA)
	Fertilizers	Convertible (PFA)
	Detergents	Convertible (PFA)
	Glycerin	Convertible (PVDF)
	Moisture detection	Convertible (PVDF or PFA)
	Scrubbers	Convertible (PVDF)
	Wastewater	Convertible (PVDF)
	Oil well drilling mud	Convertible (PEEK)
	Leak detection	Convertible (PEEK)
	Alkylation	Convertible (PFA)
	Spill detection	Convertible (PEEK)
Food and Beverage	Brine concentration	Convertible (Polypropylene)
	Desalting	Convertible (Polypropylene)
	Cheese production	Sanitary (PFA)
	Caustic peeling	Convertible (PEA)
	Pickle making	Sanitary (Polypropylene)
		Sanitary (PFA)
	Binse water control	Convertible (Polypropylene)
	Sugar carbonation	Convertible (PEA)
Pulp and Paper	White, black and green liquor	Convertible (PEFK)
	Stock washing	Convertible (PEEK)
	Wash and cooking liquor control	Convertible (PEEK)
	Scrubbers	Convertible (PEEK)
	Spill detection	Convertible (PEEK)
Textile Manufacturing	Binse water	Convertible (Polypropylene)
Toxale Manalactaning	Dve baths	Convertible (Polypropylene)
	Bleaching	Convertible (Polypropylene)
	Mercerizina	Convertible (Polypropylene)
	Acid washing	Convertible (Polypropylene)
	Carbonizing and scouring baths	Convertible (Polypropylene)
Natural Waters Lakes Streams	Water pollution monitoring	Convertible (Polypropylene)
and Sea Water	Salt intrusion	Convertible (Polypropylene)
	Salinity	Convertible (Polypropylene)
Clean Water Treatment	Ion exchange regeneration	Convertible (Polypropylene)
Clean Water meatment	Roverse esmosis concentrate monitoring	Convertible (Polypropylene)
	Softonor regoneration	Convertible (Polypropylene)
Wastowator Trastmant	Acid/caustic concentration control	
vvaslevvaler rrealment		
Stoom Constition	Poiler blowdown	Convertible (PEEK)
Stearn Generation		Convertible (Polypropylene)
	Flue gas scruppers	Convertible (Polypropylene)

Order Information

3700sc Digital Inductive Conductivity Sensors & Accessories

All digital inductive sensors come complete with standard sensor cable (6 m/20 ft.), digital gateway, and digital extension cable (1 m/3.3 ft.).

D3705E2T	Digital Inductive Conductivity Sensor, Sanitary Body Style, Polypropylene Body Material
D3706E2T	Digital Inductive Conductivity Sensor, Sanitary Body Style, PVDF Body Material
D3708E2T	Digital Inductive Conductivity Sensor, Sanitary Body Style, PFA Body Material
D3725E2T	Digital Inductive Conductivity Sensor, Convertible Body Style, Polypropylene Body Material
D3726E2T	Digital Inductive Conductivity Sensor, Convertible Body Style, PVDF Body Material
D3727E2T	Digital Inductive Conductivity Sensor, Convertible Body Style, PEEK Body Material
D3728E2T	Digital Inductive Conductivity Sensor, Convertible Body Style, PFA Body Material
6120800	Use the Digital Gateway to connect analog Hach 3700 inductive conductivity sensors to a Hach digital controller.
6122400	Digital Extension Cable, 1 m (3.3 ft.)
5796000	Digital Extension Cable, 7.7 m (25 ft.)
5796100	Digital Extension Cable, 15 m (50 ft.)
5796200	Digital Extension Cable, 31 m (100 ft.)
5867000	Digital Termination Box

3700 Analog Inductive Conductivity Sensors & Accessories

All analog sensors come complete with standard sensor cable (6 m/20 ft.).

3705E2T	Analog Inductive Conductivity Sensor, Sanitary Body Style, Polypropylene Body Material
3706E2T	Analog Inductive Conductivity Sensor, Sanitary Body Style, PVDF Body Material
3708E2T	Analog Inductive Conductivity Sensor, Sanitary Body Style, PFA Body Material
3725E2T	Analog Inductive Conductivity Sensor, Convertible Body Style, Polypropylene Body Material
3726E2T	Analog Inductive Conductivity Sensor, Convertible Body Style, PVDF Body Material
3727E2T	Analog Inductive Conductivity Sensor, Convertible Body Style, PEEK Body Material
3728E2T	Analog Inductive Conductivity Sensor, Convertible Body Style, PFA Body Material
1W1100	Analog Interconnect Cable, order per foot
60A2053	Junction Box, Surface-mount, aluminum (includes mounting hardware)
60A9944	Junction Box, Pipe-mount, PVC (for 1/2-inch diameter pipe, includes mounting hardware)
60G2052	Junction Box, Pipe-mount, PVC (for 1-inch diameter pipe, includes mounting hardware)
76A4010-001	Junction Box, NEMA 4X (no mounting hardware included)

Choice of body styles:

Sanitary (CIP) - 2-inch flange, special cap, and EPDM compound gasket. Conforms to provisions of 3-A Sanitary Standards. Convertible - 2-inch NPT, designed for tee, other flow through, insertion, and pipe mountings for immersion.

Order Information

Conductivity Reference Solutions

 25M3A2000-X
 100 / 200 / 400 / 500 / 600 / 1000 μS/cm, 1 L each

 25M3A2050-X
 1000 / 1500 / 2000 μS/cm, 1 L each

 25M3A2100-X
 2000 / 2500 / 3000 / 5000 / 10,000 / 50,000 / 100K / 150K μS/cm, 1 L each

 25M3A2200-X
 200K / 300K μS/cm, 1 L each

 25M3A2300-X
 300K / 350K / 450K / 500K μS/cm, 1 L each

The conductivity reference solutions are available in different concentrations, see listed values per main number. To get the fully appropriate order number please replace the "X" with the according μ S/cm concentration value from the list.

Mounting Hardware

MH018S8SZ	Sanitary Mount, 316 SS
	Includes 316 SS sanitary 2-inch tee, heavy-duty clamp, special cap, and EPDM compound gasket.
MH518N3NZ	Union Mount, 316 SS
	Union Mount, CPVC
MH568N3NZ	Union Mount, PVDF Includes adapter and a 2-inch pipe tee. Union adapters are used with convertible style sensors that are to be union or flange mounted into a standard 2-inch NPT pipe tee or insertion mounted into a 2-inch ball valve assembly.
MH432G	Immersion Mount, CPVC Pipe Includes ½-inch diameter x 4-foot pipe, ½- x ¾-inch NPT coupling, and plastic pipe-mount junction box with terminal strip.
MH138M9NZ	Insertion Mount, CPVC
MH118M9NZ	Insertion Mount, 316 SS Includes 2-inch NPT insertion assembly with ball valve.
9180200:	Hach Flow Cell for ¾ in. NPT sensors
-	



With Hach Service, you have a global partner who understands your needs and cares about delivering timely, high-quality service you can trust. Our Service Team brings unique expertise to help you maximise instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk.

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The next standard in the evolution of turbidity

Only the new TU5 Series Lab & Process Turbidimeters with 360° x 90° DetectionTM deliver unprecedented confidence that a change in your reading is a change in your water.

Groundbreaking 360° x 90° Detection™ Technology

The TU5 Series employs a patented optical design that sees more of your sample than any other turbidimeter, delivering the best low level precision and sensitivity while minimizing variability from test to test.

Matching lab and online results

For the first time you will be able to remove the uncertainty of which measurement to trust, thanks to identical 360° x 90° Detection™ Technology in both instruments.

Everything about turbidity – faster

The TU5 Series dramatically reduces the time needed to get a turbidity measurement you can rely on, with 98% less online sample surface area to clean, sealed vials for calibration, and the elimination of the need for indexing and silicone oil in the lab. Not to mention, a smaller online sample volume means you will detect events almost immediately.

No surprises

Prognosys[™] monitors your TU5 Series online instrument, proactively alerting you to maintenance needs before your measurement becomes questionable. And a Hach Service Agreement protects your investment and helps ensure that you stay in compliance and on budget.

USEPA and ISO 7027 reporting: The TU5 Series Turbidimeters apply the instrument design and meet performance criteria established by EPA Approved Hach Method 10258 and ISO 7027-1:2016, making them suitable for regulatory reporting.



Technical Data*		
TU5200		TU5300sc / TU5400sc
Light Source	Class 2 laser product, with embedded 650 nm (EPA 0.43 mW) or Class 1 laser product, with embedded 850 nm (ISO), max. 0.55 mW (complies with IEC/EN 60825-1 and to 21 CFR 1040.10 in accordance with Laser Notice No. 50)	Light Source
Range	EPA: 0 - 700 NTU / FNU / TE/F / FTU 0 - 100 mg/L 0 - 175 EBC	
	0 - 1000 NTU / FNU / TE/F / FTU 0 - 100 mg/L 0 - 250 EBC	Accuracy
Accuracy	±2 % plus 0.01 NTU from 0 - 40 NTU;	
	±10 % of reading from 40 - 1000 NTU based on Formazin primary standard (at 25 °C)	Resolution
Resolution	0.0001 NTU / FNU / TE/F / FTU / EBC / mg/L	Repeatability
Repeatability	<40 NTU: Better than 1% of reading or ±0.002 NTU on Formazin at 25 °C, whichever is greater >40 NTU: Better than 3.5% of reading on Formazin at 25 °C	Stray Light Units Signal Average Time
Stray Light	<10 mNTU	Response Time
Units	NTU, FNU, TE/F, FTU, EBC; mg/L if calibrated with Degrees calibration curve	
Operating Temperature Range	10 - 40 °C (50 - 104 °F)	Sample Temperature Sample Pressure
Operating Humidity	80% at 30 °C (non condensing)	
Sample Temperature	4 - 70 °C (39 - 158 °F)	Sample Flow Rate
Storage Conditions	-30 - 60 °C (-22 - 140 °F)	
Power Requirements (Voltage)	100 - 240 VAC	Operating Temperature Range
Power Requirements (Hz)	50/60 Hz	Operating Humidity
Certifications	CE compliant	
	US FDA accession number: 1420493-000 EPA version, 1420492-000 ISO version	Enclosure Rating
	Complies with IEC/EN 60825-1 and to 21 CFR 1040.10 in accordance with Laser Notice No. 50)	Certifications
	Australian ACMA Marking	
Dimensions (H x W x D)	195 mm x 409 mm x 278 mm	
Weight	2.4 kg (5.29 lbs.)	
Warranty	1 year	Dimensions (H x W x D) Weight

100000001 100400000	
Light Source	Class 2 laser product, with embedded 650 nm (EPA 0.43 mW) or Class 1 laser product, with embedded 850 nm (ISO), max. 0.55 mW (complies with IEC/EN 60825-1 and to 21 CFR 1040.10 in accordance with Laser Notice No. 50)
Range	EPA: 0 - 700 NTU / FNU / TE/F / FTU 0 - 100 mg/L 0 - 175 EBC
	ISO: 0 - 1000 NTU / FNU / TE/F / FTU 0 - 100 mg/L 0 - 250 EBC
Accuracy	±2% or 0.01 NTU from 0 - 40 NTU
	±10% of reading from 40 - 1000 NTU based on Formazin primary standard
Resolution	0.0001 NTU / FNU / TE/F / FTU / EBC
Repeatability	Better than 1% of reading or ±0.002 NTU (TU5300) or ±0.0006 NTU (TU5400) on Formazin at 25 °C (77 °F), whichever is greater
Stray Light	<10 mNTU
Units	NTU, FNU, TE/F, FTU, EBC
Signal Average Time	TU5300sc: 30 - 90 seconds TU5400sc: 1 - 90 seconds
Response Time	TU5300sc: T90 <45 seconds at 100 mL/min TU5400sc: T90 <30 seconds at 100 mL/min
Sample Temperature	2 - 60 °C (35 - 140 °F)
Sample Pressure	6 bar (87 psi) maximum, compared to air at sample temperature range from 2 - 40 °C (35.6 - 104 °F)
Sample Flow Rate	100 - 1000 mL/min; optimal flow rate: 200 - 500 mL/min
Operating Temperature Range	0 - 50 °C (32 - 122 °F)
Operating Humidity	Relative humidity: 5 - 95% at different temperatures, non-condensing
Storage Conditions	-40 - 60 °C (-40 - 140 °F)
Enclosure Rating	Electronic compartment IP55; all other functional units IP65 with process head/ACM attached to the TU5300sc/TU5400sc instrument
Certifications	CE compliant
	US FDA accession number: 1420493-000 EPA version, 1420492-000 ISO version
	Australian ACMA Marking
Dimensions (H x W x D)	249 mm x 268 mm x 190 mm
Weight	5.95 lbs. (2.7 kg); 11 lbs. (5.0 kg) with all accessories
Warranty	1 year

*Subject to change without notice.

Principle of Operation

The TU5 Series turbidimeters measure turbidity by directing a laser into a sample to scatter off suspended particles. The light that is scattered at a 90° angle from the incident beam is reflected through a conical mirror in a 360° ring around the sample before it is captured by a detector.

The amount of light scattered is proportional to the turbidity of the sample. If the turbidity of the sample is negligible, little light will be scattered and detected by the photocell and the turbidity reading will be low. High turbidity, on the other hand, will cause a high level of light scattering and result in a high reading.

The 360° x 90° optics of the TU5 series were optimized for high accuracy at low turbidity ranges and therefore the TU5 does not include ratio technology. Ratio technology is only applicable for high turbidity applications which have interference from color and large particles.



Dimensions



TU5300sc and TU5400sc rear view



TU5300sc and TU5400sc top view



TU5300sc and TU5400sc with automatic cleaning module

www.hach.com

Order Information

TU5200 Benchtop Laser Turbidimeters

LPV442.99.03012	TU5200 Benchtop Laser Turbidimeter with RFID, EPA Version
LPV442.99.01012	TU5200 Benchtop Laser Turbidimeter without RFID, EPA Version
LPV442.99.03022	TU5200 Benchtop Laser Turbidimeter with RFID, ISO Version
LPV442.99.01022	TU5200 Benchtop Laser Turbidimeter without RFID, ISO Version

TU5300sc/TU5400sc Online Laser Turbidimeters

	THE 100 so with Flow Conserv. Automatic Classing, DEID	
LXV445.99.53112	TU5300sc with Flow Sensor, Automatic Cleaning, RFID, and System Check, EPA Version	
LXV445.99.10212	TU5400sc Ultra-High Precision Low Range Laser Turbidime EPA Version	əte
LXV445.99.10112	TU5300sc Low Range Laser Turbidimeter, EPA Version	

LXV445.99.53212 TU5400sc with Flow Sensor, Automatic Cleaning, RFID, and System Check, EPA Version

Please note: Other turbidimeter configurations are available and RFID may not be available in all areas. Please contact your local Hach representative.

Please note: An SC controller is required for operation of the TU5300sc or TU5400sc.

Calibration and Verification

LZY835	Stablcal [®] Calibration Set with RFID
LZY898	Stablcal [®] Calibration Set without RFID
LZY901	Glass Rod Secondary Turbidity Standard <0.1 NTU/FNU
LZY834	Replacement Vial for TU5300sc and TU5400sc
LZV946	Sample Vials for TU5200



TU5 Series Accessories

LQV159.97.00002	Automatic Cleaning Module for TU5300sc and TU5400sc
LQV160.99.00002	Flow Sensor for TU5300sc and TU5400sc
LZY876	Desiccant Cartridge for TU5300sc and TU5400sc
LZY907.97.00002	Maintenance Kit for TU5300sc and TU5400sc
LQV157.99.50002	SIP10 Sipper Unit for TU5200
LZY903	Manual Vial Wiper for TU5200, TU5300sc, and TU5400sc



Service

With Hach Service, you have a global partner who understands your needs and cares about delivering timely, high-quality service you can trust. Our Service Team brings unique expertise to help you maximise instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk.

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DOC050.53.10053.Sep19

User Instructions

9180100, 9180200, 9180300 and 9180400 Flow Cells

The flow cells are supplied with English or metric fittings.

English: 9180100 for 1 in. NPT sensors, 9180200 for ³/₄ in. NPT sensors **Metric:** 9180300 for 1 in. NPT sensors, 9180400 for ³/₄ in. NPT sensors

NOTICE

Inlet pressure 50 PSIG (345 kPa) maximum 0–40 °C (32–104 °F). Do not exceed sensor maximum operating pressure and temperature. Maximum flow rate: 2 gal/min (7.5 L/min).



1	Lock ring (60F2032-001)	7	Speed-fit valve - 3/8 in. OD (9005300)
2	Sealing hub - 1 in. (60F2021-001) Sealing hub - ¾ in. (9159800)	8	English: ¹ / ₂ in. OD tube, customer supplied Metric: 12 mm OD tube, customer supplied
3	O-ring (5H1223)	9	English: Speed-fit elbow fitting - 1/2 in. OD (9196900)
4	Flow cell body (9159700)		Metric: Speed-fit elbow fitting - 12 mm OD (9197000)
5	English: ³ / ₈ in. OD tube, customer-supplied Metric: 10 mm OD tube, customer-supplied	10	If air bubbles become trapped below probe sensor, flow cell may be rotated up to 30° from vertical.
6	English: Speed-fit fitting - ³ /8 in. OD (9159300) Metric: Speed-fit fitting - 10 mm OD (9196500)	11	Screw (#10-32 or M5) (2x), customer supplied



HACH Company World Headquarters

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Edition 1, October 2009 sm/sm

TECHNICAL BROCHURE

BLSP03



LSP03/LSP07

SUBMERSIBLE SUMP PUMPS



Goulds Water Technology

Wastewater

FEATURES

Corrosion-resistant construction

Stainless Steel motor casing and fasteners

Glass-filled thermoplastic impeller and casing.

Upper and lower heavy duty ball bearing construction.

Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor.

Hard coated 400 series stainless steel shaft for improved corrosion resistance.

Float switch is adjustable for various liquid levels. Easily removed for direct pump operation or switch replacement. Complete unit is lightweight, portable and easy to service.

Available in manual and automatic versions. See next page for specific order numbers.

A double labyrinth lip seal system protects the motor. It consists of three lip seals and a V-ring in addition to an impeller counterblade system which keeps solid particles away from the seal unit.

AGENCY LISTINGS



Canadian Standards Association File #LR114251



Underwriters Laboratories File #83318

APPLICATIONS

Specially designed for the following uses:

- Basement draining
- Water transfer
- Dewatering

SPECIFICATIONS

- Discharge size: 1½" NPT
- Capacities: to 57 GPM
- Maximum head: 34 feet TDH
- Maximum solids: ³/₈" spherical
- Temperature: 104° F (40° C) maximum liquid temperature.
- Maximum pump submergence is 10 ft. for LSP03; 16 ft. for LSP07.

MOTOR

- Single phase, 3450 RPM, 60 Hz
- LSP03, ¹/₃ HP, 115 V, 2.9 maximum amps
- LSP07, ¾ HP, 115 V (7.1 amps) or 230 V (3.5 amps)
- Built-in thermal overload protection with automatic reset.
- Permanent-split-capacitor type
- Class B insulation
- Stainless steel shaft
- Air filled design
- Power cord length: LSP03; 10 feet standard, 20 feet optional, LSP07; 20 feet.

FLOAT SWITCH OPTIONS

- Models are available with a float switch. Several options for automatic operation.
- "AV" models are supplied with a vertical float switch.
- "A" models are supplied with a built in float switch.
- "AT" models are supplied with a piggy-back replaceable float switch.

Goulds Water Technology

Wastewater



Minimum Maximum Minimum Min. Min. Shipping Discharge **Float Switch** Cord Order No. ΗP Volts Amps Circuit Phase On Off Basin Solids Weight Style Length Connection lbs/kg Breaker Level Level Diameter Size LSP0311 Plug / No Switch Manual Manual 9" Built-In Wide LSP0311A 11" 5" 12" Angle 10' Piggyback Wide LSP0311AT 11" 5" 12" Angle Piggyback LSP0311AV 1/3 115 2.9 8.5" 2" 12" 11/5 Vertical LSP0311F Plug / No Switch Manual Manual 9" Built-In Wide LSP0311AF 11" 5" 12" Angle 20' Piggyback Wide LSP0311ATF 10 11⁄2" 5" 3⁄8" 1 11″ 12" Angle LSP0711F Plug / No Switch 9" Manual Manual Built-In Wide 6.5" LSP0711AF 12.5" 12" 115 7.1 Angle Piggyback Wide LSP0711ATF 12.5" 12" 6.5" Angle 3⁄4 20' 15/6.8 Plug / No Switch 9" LSP0712F Manual Manual Built-In Wide LSP0712AF 12.5" 6.5" 12" 230 3.5 Angle Piggyback Wide LSP0712ATF 12.5" 6.5" 12" Angle

MODEL INFORMATION

DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)

	F	н
LSP03	9 ¾	7%
LSP07	11¼	91⁄8
LSP03AV	9 ¾	7%



7



Xylem, Inc. 2881 East Bayard Street Ext., Suite A Seneca Falls, NY 13148 Phone: (866) 325-4210 Fax: (888) 322-5877 www.xyleminc.com/brands/gouldswatertechnology

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City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project

Technical Justification:

PCO-51	
Design Adjustment:	
WML COP-060	Yard Piping – 3in Non-Potable Waterline & Valves
CLAR-40	

Reason for Design Changes:

To increase the robustness of the NPW system addition of several valves is proposed as shown in the attached drawing C-18. Depending on the size of the piping, the type of valves installed will vary between buried gate and ball valves.

Design and Scope Changes:

These changes are shown on the attached drawing and are summarized as follows:

- The onsite Fine Screens is a critical processing system requiring non-potable water for cleaning the screens. To further backup and maintain adequate flow to the Fine Screens system a non-potable water loop system shall be installed. This change request shall include the excavation and installation of a 3-inch HDPE non-potable water system by connection to the existing non-potable water at the Plant Headworks and route the new piping system to the southwest corner of the EQ basin.
- In a previous change order, a new UV structure and equipment was approved for construction. Requested in this change request is the installation of non-potable water to the UV structure and hose bibb for general purpose washdown. The contractor shall excavate and install a 2-inch HDPE non-potable waterline from a connection point east of the non-Pot pump station and route to the northwest corner of the UV shade canopy.
- The existing non-potable water piping system shall have gate and ball valves installed a various location shown on the modified drawing attached and as directed by City and MWH staff on site.
- In a previous change order modification were made to the EQ basins with the addition of a discharge pumping station. Requested in this change request is the installation of non-potable water to the pump station and hose bibb for general purpose wash and priming the pumps. The contractor shall excavate and install a 2-inch HDPE non-potable waterline from a connection point on the non-Pot system east of the Fine Screen and route to the southwest corner of the EQ Pump Station.

Cost Impact:

MWH has reviewed the attached WML cost proposal and find it acceptable. Accordingly, MWHC recommends a contract cost increase of **\$17,500.62** to be executed in a change order for the modifications requested.

CITY OF BEAUMONT WWTP SALT MITIGATION UPGRADE PROJECT

CHANGE ORDER PROPOSAL (COP) # 060 (By Contractor)

To (Engineer/CM):	From (Contractor):
MWH Constructors	W.M. Lyles Co.
Attention: Charles Reynolds	Attention: Oscar Mendoza
Phone: 702-497-8024	Phone: 619-565-6064
Email: Charles.w.revnolds@stantec.com	Email: omendoza@wmlylesco.com
PCO/DCM No.: CLAR-40	
Subject: 3" Non Potable Water Tie-in	
Reference Documents: Attached	
DESCR	IPTION
This COP is to modify the non-potable water tie-in local the EQ pump station, to add two gate valves on the sout side of the UV station. This change order proposal inclu well as the proposed cost of work and materials that will	tions behind the EQ basin as well as adding a hose bib at h east side of the A-basin and add a hose bib on the west des the costs taken when T&M work was performed as l be done at the UV station and Fine Screens hose bib.
COST ES	TTEN A TE
Total Cost: \$ 17,500.62. – see attached breakdown.	
SCHEDU	FINDACT
SCHEDUL	AE IMIPACI
N/A	

Received by MWH Constructors (Date):

RESPONSE	
D D	D (
Kesponse By:	Date:

Final Distribution: Oscar Mendoza, W.M. Lyles Co. Brian Knoll, Webb Associates MWH Inspector

W. M. Lyles Co. 42142 Roick Drive Temecula, CA 92590

7/14/2021

CLAR - 40

Reference #:

Attention:

Charles W. Reynolds

City of Beaumont WWTP Salt Mitigation Upgrade Project

DESCRIPTION:

3" NPW Tie-in

Item:		Unit	Total MH	Tota	al MH Cost	Eq.	Cost	Mat	erial	Subcon	t.	Total Cost	
1	3" NPW Tie-in	LS	91	\$	7,560.03	\$	2,624.10	\$	4,883.12	\$	-	\$	15,067.25
2		LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
3		LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
		LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
Total	Costs		91	\$	7,560.03	\$	2,624.10	\$	4,883.12	\$	-	\$	15,067.25

Total This Change Order		\$ 17,500.62
Bond	1.0%	\$ 173.27
Mark-up - Subcontractor	5%	\$ -
Mark-up - Materials	15%	\$ 732.47
Mark-up - Equipment	15%	\$ 393.62
Mark-up - Labor	15%	\$ 1,134.00
Subtotal		\$ 15,067.25

Comments:

City of Beaumont WWTP Salt Mitigation Upgrade Project

3" NPW Tie-in

A Labor																									
A. Labor	Descript	tion			La	b Pipe	FM	L	ab Pic	e	0	perat	or	C	arp F	м		Carp		1	Lab	,	Ce	ment	Mason
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T&M Ticket 04/23	//21				4			8			4									-					
2" NPW line insta	II (UV station)				4			8			4														
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Lab Pipe	\$77.73		\$103.27	\$128.79		45	i 0	0)		\$3,49	7.76													
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Carp	\$83.44		\$112.07	\$140.71		C) ()	C)		\$	0.00													
Lab	\$74.26		\$98.07	\$121.86		C) 0	C)		\$	0.00													
Cement Mason	\$80.42		\$105.60	\$130.78		C) ()	0)		\$	0.00													
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2" NPW line insta	III (UV station)					4			1									4							
1" Hose bib instal	II (UV Station)					1			1									4							
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C. Materials																									
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4" HDPE Tee				2	ea	\$	1	25.41			\$5	0.82													
6" x 4" HDPE Rec	ducer			1	ea	\$	-	28.44			\$2	8.44													
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4" x 3" HDPE Rec	ducer			1	ea	ъ с		13.31			\$1 ¢1	3.31													
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3" Isolation Valve				3	ea	\$	3	99.96			\$1.19	9.88													
4" Isolation Valve				1	ea	\$	4	25.12			\$42	5.12													
3" HDPE - 120'				120	ft	\$		2.00			\$24	0.00													
2" HDPE to SST 1	Transition			2	ea	\$	(61.88			\$12	3.76													
2" HDPE - 90'				90	ft	\$		1.28			\$11	5.20													
2" x 1" Bushing R	educer			2	ea	\$:	27.09			\$5	4.18													
1" SST Pipe - 5'				4	ea	\$	9	99.20			\$39	6.80													
1" SST 90 Bend				4	ea	\$		17.42			\$6	9.68													
1" SST Ball Valve	•			4	ea	\$	1	52.75			\$21	1.00													
1" NPT Hose Ada	apter			2	ea	\$		10.00			\$2	0.00													
2" Sch 40 - 90 Be	end			2	ea	\$		2.26			\$	4.52													
2" SST to PVC Tr	ransition			1	ea	\$		47.41			\$4	7.41													
2" Sch 40 Pipe - 4	40.			1	ft	\$	1:	21.44			\$12	1.44													
2" HDPE Tee	union Courting			1	ea	\$ ¢		8.52			\$	8.52													
2 HUPE Electroft	usion Couplers			2	ea	\$ ¢		9.84			\$1	9.68													
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D. Subcontractor

Quantity Unit Price



W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

6

TIME & MATERIAL SHEET



Project Name City of Beaumont WW'IP Salt Mitigation Upgrade Project No. 55.1173 Phase Code 99.010.0420 Date 4/23/2021

DESCRIPTION OF WORK FUSEL 3"THE South of the ED basin for the-in.

LABOR

NAME	CLASS	ST	ОТ	DT	SHIFT
Errosto Versanel	FM	١			
-Jaime Pantoili	-Labover				Ì
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MATERIAL DESCRIPTION QTY UM

I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

CUSTOMER	NND)		W.M. Lyle:	s Co.	n Al	ŧ
Signature	(porte	noh		Signature	Sumoth	Nobli	~
Print Name	Charles	REYNOLDS		Print Name	Saman	tha R	dobins
Títle _	RE	Date	4-27/21	Title	F.G.	Date	04/16/2021

W.M. Lyles Co. **PO Box 4377** Fresno, CA 93744

TIME & MATERIAL SHEET



Project Name City of Beaumont WWTP Salt Mitigation Upgrade Project No. 55.1173 Phase Code 99.010.0420

Date (14/19/901)

DESCRIPTION OF WORK Exanching, Sanding, bedding, installing + backfilling 3" NPW to til-in south

LABOR CLASS ST DT SHIFT NAME OT 88 posto Velasurel FM an. 8 driaver 0. g EQUIPMENT

DESCRIPTION EQUIP. NO. QTY HRS SHIFT

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Signature	Charle FC	nobe		Signature	Junite	Nor	h.
Print Nan	ne Chavles	RETHOLDS		Print Name	Sumarth	1, 20	dom
Title	<u> </u>	Date	4/26/21	Title	F.6.	Date	09/26/21

TIME & MATERIAL SHEET



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I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

CUSTOMER	DI DE			W.M. Lyle	s Co.	- A	
Signature _/	houht	Snoldz		Signature	Junta	Mh	1
Print Name	Charles	RETROLOS		Print Nam	Saman	this R	obbins
Title	<u>f</u> E	Date	4/29/21	Title	F.E.	Date	4/28/21

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V.M. Lyles Co. O Box 4377 resno, CA 93744	TIME & MATERIAL SHEET					
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Notes of

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AC: 10-19-2020

get more done.

1480 EAST 2ND STREET BEAUMONT, CA 92223 (951)7690301

8987 00001 23604 10/15/20 08:59 AM SALE CASHIER CRYSTAL 841804100349 VINYL TUBE <A> 9.67 5/80DX1/2IDX20' VINYL TUBE 078575177250 SS CLAMP <A> #072 SS CLAMP 3"X5" DIA 201.98 3,96 051218574425 RUBBR MALLET <A> 17.98 VAUGHAN 180Z NON-MARRING RUBBR MALLT 045242296927 MILW2PKMRK <A> 3.97 MKE INKZALL MED MARKER 2PK 644323999520 HUSKY TAPE M <A> 5.97 HUSKY TAPE MEASURE POUCH NLP Savings \$3.00 045242514311 25'AL-TAPE <A> 14.97 MILWAUKEE 25FT AUTOLOCK TAPE MEASURE 045242319480 MILW4PKMRK <A> 3.97 MKE INKZALL FINE PT BLACK MARKED ADK 887480000795 SPLICER <A> 4.32 1/2" BARB X 1/2" BARB SPLICER BRASS 008925137580 DIABL06TYP27 <A> DIABLO BONDED 6"X.045X7/8 MTL T27 493.97 15.88 078575170657 SS CLAMP <A> #006 SS CLAMP 3/8"X7/8" DIA 201.07 2.14 026703055550 HOMER BUCKET <A> 3.20 5 GAL BUCKET-HOMER LOGO (ORANGE) SUBTOTAL 86.08 SALES TAX 6 67

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City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project

Technical Justification:

PCO-53	
Design Adjustment: WML COP-063 CLAR-46	Fine Screens Cleaning Pressure Washer Piping & Electrical

Reason for Design Changes:

A high-pressure wash system will be installed at the two existing fine screens to minimize the time required for manual washing by plant staff. Huber Technology will provide the required internal screen components, booster pump (P-1471), associated solenoid valves (SV-1417 and SV-1427) and labor required to install the internal screen components. The supply and discharge piping and misc. valves, instrumentation, pump and pipe supports shall be provided and installed by the contractor as indicated in the attached FSM-1 and -2 drawings.

Design and Scope Changes:

- The contractor shall procure and install all additional piping, fittings and electrical equipment as outlined in Clarification 46 attached.
- The contractor's quote shall also include all cost associated with rental of a temporary booster pump, VFD and piping utilized to pilot test the effectiveness of a high-pressure booster pump system prior to the final design of the permanent system.

Cost Impact:

MWH has reviewed the attached WML cost proposal and find it acceptable. Accordingly, MWHC recommends a contract cost increase of **\$82,276.27** to be executed in a change order for the modifications requested.

CITY OF BEAUMONT WWTP SALT MITIGATION UPGRADE PROJECT

CHANGE ORDER PROPOSAL (COP) # 063 (By Contractor)

To (Engineer/CM):	From (Contractor):
MWH Constructors Attention: Charles Reynolds	W.M. Lyles Co. Attention: Oscar Mendoza
Phone: 702-497-8024 Email: Charles w reynolds@mwhconstructors.com	Phone: 619-565-6064 Email: omendoza@wmlylesco.com

PCO/DCM No.: DCM 40

Subject: Fine Screens Water Booster Pump

Reference Documents: CLAR 46

DESCRIPTION

Please review the attached Change Order Proposal for the addition of piping and supports as well as electrical scope

in preparation for Huber's spray bar installation per CLAR 46.

Exclusions:

- 1. Installation of Spray Bar, Pump, Solenoid valves and final connections
- 2. Electrical Control Panels, Instrumentation and installation, Programming, Set-up of network and SCADA
- 3. Start-up and Commissioning of equipment

It's assumed that this work will occur before September 24th, 2021, otherwise additional overhead charges might be assessed. Thanks,

Oscar Mendoza

COST ESTIMATE

Total cost \$ 82,276.27. See attached.

SCHEDULE IMPACT

Received by MWH Constructors (Date):

RE	SPONSE	
Response By:		Date:

Final Distribution: Oscar Mendoza, W.M. Lyles Co. Grant Gourley, W.M. Lyles Co. Brian Knoll, Webb Associates MWH Inspector

W. M. Lyles Co. 42142 Roick Drive Temecula, CA 92590

Attention:

JOB LOCATION:

City of Beaumont WWTP Salt Mitigation Upgrade Project

CLAR 46 - Fine Screens Water Booster Pump

Item:				Unit	Total MH	Tot	al MH Cost	Eq.	Cost	Ма	terial	Subco	nt.	Total Cost	
1	Fine Screens Water Booster	Pump	1	LS	72	\$	5,659.19	\$	473.60	\$	6,310.69	\$	33,144.29	\$	45,587.77
2	T&M Work Related to CLAR	34 & 36	1	LS	92.5	\$	7,510.24	\$	1,394.86	\$	18,954.37	\$	1,500.00	\$	29,359.47
3			1	LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
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			1	LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
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Total (Costs				164.5	\$	13,169.43	\$	1,868.46	\$	25,265.06	\$	34,644.29	\$	74,947.24
				<u>^</u>											
	Subtotal			\$	74,947.24										
	Mark-up - Labor	15%		\$	1,975.42										
	Mark-up - Equipment	15%		\$	280.27										
	Mark-up - Materials	10%		\$	2,526.51										
	Mark-up - Subcontractor	5%		\$	1,732.21										

814.62

\$

1.0% \$ Total This Change Order 82,276.27

Comments:

Bond

Date: 11-Aug-21

Reference #: CLAR 46

City of Beaumont WWTP Salt Mitigation Upgrade Project

Fine Screens Water Booster Pump

A. Labor

Description				Lab Pipe FM La				Lab Pipe		Operator		Carp FM			Carp			Lab			Cement Mason			Sta	Eng.		
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Lab Pipe FM	\$80.34	\$107.19	\$134.03		24	0	0			\$	1,928.25																
Lab Pipe	\$77.73	\$103.27	\$128.79		48	0	0			\$3	3,730.94																
Operator	\$98.67	\$131.84	\$0.10		0	0	0				\$0.00																
Carp FM	\$87.32	\$117.91	\$148.48		0	0	0				\$0.00																
Carp	\$83.44	\$112.07	\$140.71		0	0	0				\$0.00																
Lab	\$74.26	\$98.07	\$121.86		0	0	0				\$0.00																
Cement Mason	\$80.42	\$105.60	\$130.78		0	0	0				\$0.00																
Start-up Eng.	\$750.00	\$0.00	\$0.00		0	0	0				\$0.00		Rate	\$750	0/Day												
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					Tot	tal La	bor =			\$5	,659.19																
B. Equipment	t				F Trk			Rch	lft		H Cran	e		BH			.ID3	50		SI ft			WT2	2k			
<u></u>	Descriptio	n .			17 120		9	1.001	7	1	31.028	-		20.04	8	1	20.04	1	T	77.0	20	T	14.03	37			
Install Piping and	Supports				16			2.00			51.020		· ·	0.04	0		20.04			11.02	_0		14.00		+		
	••																										
								_			0			•											_		
Normalian	Description			D-4-	10		 	0		I Fotos	0		I	0		I	0		I	0		I	0		I	0	
17 120	Description			Rate	*20 e0			5		Exten	<u>\$1011</u> @472.60																
17.120	Poreman Truck	055			\$29.00		10				\$473.00																
32.037	Reachinic treme 80 Ta		11 00 Tem		10.000		0				\$0.00 ¢0.00																
31.020	Hydro Crarie - 60 10		11 60 1011	¢	104.01		0				\$0.00																
30.048	Loader Backhoe 410	JJohn Deere410L			\$64.30		0				\$0.00																
20.041	ExcavatorJohn Deel	re350GLC		\$	151.12		0				\$0.00																
14.027	Scissor LittJLG2646				\$20.04 \$46.22		0				\$0.00																
14.037		50 2000 Gallon			\$40.Z3		16				φ0.00	•															
				Total	Fauin	mont	= 10				473 60																
				Total	Equip	mem																					
C. Materials																											
			Quantity	Unit	Price					Exten	sion																
					•					-																	
Attached McMast	ter-Carr Quote		1	LS	\$	4,09	90.45			\$	5,712.79																
Small Tools (\$2/N	MH)		72	МН	\$		2.00				\$144.00																
-												•															
Tax			7.750%								\$453.90																
					Tatal	Mate				¢.	0 240 00		-														
					rotal	mate	n al =			¢(0,010.09																
D. Subcontra	ctor																										
			Quantity	Unit		Price			_	Exten	sion															_	
Electrical - South	ern		1	LS	\$3	3,144	.29			\$33	3,144.29																
				Total	Subco	ontra	ct =			\$3	3,144.29																

City of Beaumont WWTP Salt Mitigation Upgrade Project

T&M Work Related to CLAR 34 & 36

A. Labor

	Description		La	b Pipe	FM	Lab Pipe			Operator			C	Carp FM		Carp		Lab FM		М	Cement Masor			n Lab							
				ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT
Relocate Sensor	at Fine Sc	reen - T&M	10/8/20	5	0.5		5	0.5																						
Install Temp Pun	np & Piping	- 10/22-23,	11/16	9	2.5		13	5																						
Extra Work from	Fine Scree	ns Clogging	j Up	21			31																						L	
																													┝───	
																		-										\vdash	├───	
				35	3	0	49	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Rate				Hour	s									•														
Name	ST	PT	DT		ST	PT	DT	-	E	xtens	ion																			
Lab Pipe FM	\$80.34	\$107.19	\$134.03		35	3	0			\$3,13	33.61																			
Lab Pipe	\$77.73	\$103.27	\$128.79		49	5.5	0			\$4,37	76.63																			
Operator	\$98.67	\$131.84	\$165.00		0	0	0			5	60.00																			
Carp FM	\$87.32	\$117.91	\$148.48		0	0	0			5	60.00																			
Carp	\$83.44	\$112.07	\$140.71		0	0	0			5	60.00																			
Lab FM	\$76.88	\$101.99	\$127.09		0	0	0			5	60.00																			
Cement Mason	\$80.42	\$105.60	\$130.78		0	0	0			5	60.00																			

				Total	Lab	or =	\$7,510.24
				84	8.5	0	
0	\$0.00	\$0.00	\$0.00	0	0	0	\$0.00
	\$74.26	\$98.07	\$121.86	0	0	0	\$0.00

B. Equipment

Lab

	Description		1	7.12	18.305	31.028	30.048	20.041	77.02	14.037		
Relocate Se	ensor at Fine Screen - T&M	10/8/20		5								
Install Temp	Pump & Piping - 10/22-23	,11/16		9	5					0		
Extra Work	from Fine Screens Cloggin	g Up		21	4		-			2	-	
				35	9	0	0	0	0	2	0	0
Number	Description		Rate		Hours	Extension						
17.12	Foreman Truck		\$29	.60	35	\$1,036.00						
18.305	1 Ton Gang TruckFord	=350 Ext C	٤29 ۽ 29	.60	9	\$266.40						
31.028	Hydro Crane - 80 TonL	ink BeltRTC	\$164	.01	0	\$0.00						
30.048	Loader Backhoe 410Jo	hn Deere4	1 \$64	.30	0	\$0.00						
20.041	ExcavatorJohn Deere3	50GLC	\$151	.12	0	\$0.00						
77.02	Scissor LiftJLG2646ES		\$20	.04	0	\$0.00						
14.037	Water TruckFordF750 2	2000 Gallor	n \$46	.23	2	\$92.46						
			Total	Equipm	ent =	\$1,394.86						
C. Materia	als											
		<u>Quantity</u>	<u>Unit</u> I	Price		Extension						
McMaster In	voice 47567367	1	LS	\$ 57	5.93	\$575.93						
McMaster In	voice 47416861	1	LS	\$ 89	6.77	\$896.77						
McMaster In	voice 47411292	1	LS	\$8	3.65	\$83.65						
McMaster In	nvoice 46654750	1	LS	\$ 85	2.68	\$852.68						
Xylem Invoi	ces - Temp Pump & VFD	1	LS	\$ 12,90	8.75	\$12,908.75						
United Rent	al - 6" Pump	1	LS	\$ 3,63	6.59	\$3,636.59						
Тах		0.000%	I	ncluded		\$0.00						
Commissior	ning, Schedule Support											
Freight												
			1	Fotal Ma	terial =	\$18,954.37	_					
D. Subco	ntractor											
		Quantity	Unit	Price	2	Extension						
Southern		1	LS	\$1,500	.00	\$1,500.00						
			Total	Subcon	tract =	\$1,500.00	_					

McMASTER-CARR.

Delivers tomorrow via freight 1 316 Stainless Steel Threaded Pipe Fitting Low-Pressure, Bushing Adapter, 1 Male x 1/2 Female NPT 4452K175 Your reference:	1 Each	\$10.28 Each	\$10.28
Delivers tomorrow via freight 2 316 Stainless Steel Threaded Pipe Fitting Low-Pressure, 90 Degree Elbow Connector, 1/2 NPT Female 4452K414 Your reference:	6 Each	9.59 Each	57.54
Delivers tomorrow via freight 3 316 Stainless Steel Threaded Pipe Fitting Low-Pressure, Union Straight Connector, 2 NPT Female 4452K231 Your reference:	1 Each	88.30 Each	88.30
Delivers tomorrow via freight 4 316 Stainless Steel Threaded Pipe Fitting Low-Pressure, Tee Connector, 2 NPT Female 4452K439 Your reference:	1 Each	85.16 Each	85.16
Delivers tomorrow via freight 5 Standard-Port 316 Stainless Steel Body On/Off Valve with Lockable Lever Handle, 2 NPT Female 46325K34 Your reference:	1 Each	122.50 Each	122.50
Delivers tomorrow via freight 6 Ultra-Corrosion Resistant Full-Port On/Off Valve with Lockable Lever Handle, 1/2 NPT Female 46495K21 Your reference:	1 Each	36.92 Each	36.92

Deli	ivers tomorrow via freight			
7	Medium-Pressure Stainless Steel Y-Strainer	1	175.21	175.21
	with 1/32" Opening Perforated Screen, 1/2 NPT	Each	Each	
	4745K921			
	Your reference:			
	Screen Opening Size			
	1/32"			
Deli	ivers tomorrow via freight			
8	Standard-Wall 316/316L Stainless Steel Pipe	2	207.78	415.56
	Threaded on Both Ends, 1/2 NPT, 120" Long	Each	Each	
	4816K49			
	Your reference:			
Deli	ivers tomorrow 11 am - 1 pm			
9	Extreme-Temperature Air and Steam Hose	1	86.09	86.09
	with 316 Stainless Steel Fittings, 1/2 NPT Male x 1/2 NPT Female, 36" Long	Each	Each	
	5793T71			
	Your reference:			
	Length, in.			
	36			
Deli	ivers tomorrow via freight			
10	Panel-Mount On/Off Valve	2	159.33	318.66
	316 Stainless Steel Body, Straight, 3/8 NPT Female, PTFE Seal	Each	Each	
	4118T121			
	Your reference:			
Deli	ivers tomorrow via freight			
11	316 Stainless Steel Threaded Pipe Fitting	9 Fach	8.62	77.58
	Low-Pressure, 90 Degree Elbow Connector, 3/8 NPT Female	Each	Each	
	4452K413			
	Your reference:			
Deli	ivers tomorrow via freight		10.5-	
12	316 Stainless Steel Threaded Pipe Fitting	1 Fach	12.37 Fach	12.37
	Low-Pressure, Tee Connector, 3/8 NPT Female 4452K433	Luon	Luon	
	Your reference:			

Delivers tomorrow 11 am - 1 pm 13 Extreme-Temperature Air and Steam Hose 316 Stainless Steel, 3/8 NPT Male x 37 Degree Flare UNF	2 Each	87.04 Each	174.08
Female, 36" Long 5793T64			
Your reference:			
Length, in.			
36			
Delivers tomorrow via freight			
14 316 Stainless Steel Threaded Pipe Fitting	4 5	18.33	73.32
Low-Pressure, Union Straight Connector, 3/8 NPT Female 4452K224	Each	Each	
Your reference:			
Delivers tomorrow via fraight			
15 Strut-Mount Metal Routing Clamp	10	4.12	41.20
316 Stainless Steel, 5/8" ID, 2-1/16" High	Each	Each	
3115T94			
Your reference:			
Delivers tomorrow via freight			
16 Strut-Mount Metal Routing Clamp	5	4.46	22.30
316 Stainless Steel, 3/4" ID, 1/16" Thick	Each	Each	
3115T045			
Your reference:			
Delivers tomorrow 11 am - 1 nm			
17 Strut Channel	4	118.94	475.76
Slotted Hole, 316 Stainless Steel, 8 Feet Length	Each	Each	
33085T79			
Your reference:			
Length, ft.			
8 ft.			
Delivers tomorrow via freight			
18 Strut Channel Floor Mount	10 5255	137.98	1,379.80
for Standard Channel, Straight Post, 316 Stainless Steel, 4" Long	⊨acn	⊨acn	
33145T14			
Your reference:			

Delivers tomorrow via freight

19	Strut Channel Floor Mount for Stacked Channel, Straight Post, 316 Stainless Steel, 6" Long 33145T42	2 Each	183.61 Each	367.22
	Your reference:			
Deli	vers tomorrow via freight			
20	Back-to-Back Stacked Strut Channel Slotted Hole, 304 Stainless Steel, 1-5/8" Height, 10 Feet Length 3291T2	1 Each	217.94 Each	217.94
	Your reference:			
	Length, ftin.			
	10 ft.			
Deli	vers tomorrow via freight			
21	Corrosion-Resistant 316/316L Stainless Steel Sheet 24" x 24", 1/4" Thick 9195K23	1 Each	393.45 Each	393.45
	Your reference:			
Deli	vers tomorrow via freight			
22	316 Stainless Steel Stud Anchor for Concrete 1/2" Diameter, 5-1/2" Long 97799A214	5 Packs of 10 each	108.10 Pack	540.50
	Your reference:			

Total	\$5,712.79
Тах	400.81
Shipping	140.24
Merchandise	5,171.74

Contact Contact

Delivery method Ground Tomorrow

Delivery address W. M. Lyles Co 715 west 4th St Beaumont CA 92223

Delivery attention: Armando Cayama Payment method Invoice

Invoice / receipt preference PO BOX 28130 acayama@wmlylesco.com

Billing address W. M. Lyles Co PO BOX 28130 Fresno CA 93729

Tax Taxable

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.



Southern Contracting Company P.O. Box 445 San Marcos, CA 92079-0445 Tel 760-744-0760 Fax 760-744-6475 website: www.southerncontracting.com email: info@southerncontracting.com

Change Order Request

103801 — Wastewater Treatment Plant Salt Mitigation Upgrade

COR Subject: CLAR-46 HP Washe System

То	Juan C. Ahumada W.M. Lyles	Contract No: COR Number:	55.1173 103801-COR#030
	42142 Roick Drive	COR Revision Number:	0
	Temecula, CA 92590	COR Date:	7/19/2021
	951-973-7393	Work Type:	Price / Do Not Proceed
D / T		Other Reference No:	CLAR-046
Return Io	Dan Alcantar Southern Contracting Company 760-744-0760x621 619-778-0681 DAlcantar@southerncontracting.com	Days Valid:	5

Scope Of Work / Time Extension Request

The work associated with CLAR-046 HP wash System is a change to Southern Contracting Company's scope of work in which a change in Contract Price and Time is to be considered. Accordingly, Southern Contracting Company requests a Contract Change Order in the amount of \$33,144.29

Scope of Work is as follows:

- Provide labor and materials to provide power to the HP wash System components.

The new booster pump (P-1471) will be powered and controlled by a 5 hp starter, installed as part of a new control Panel, CP-1471. The new fine screen spray motors (ME-1418 and ME-1428) will also be provided with 5 hp starters at CP-1471. Control panel CP-1471 will be located in the electrical building, as shown on drawing LE-01. CP-1471 will be powered from DP-HW2, utilizing a 30AT breaker, as shown on E-04 and E-12. Conduit P1471 (3/4-inch) 3#10 with #12 ground will be added to provide power from DP-HW2 to CP-1471. Spare conduit SP1412 will be repurposed as part of conduit P1471A from the starters in CP-1471 to HH-105. After exiting HH-105, conduit P1471A (1-inch, 9#10 with 3 #12 grounds) will power the new booster pump, P-1471, and the fine screen spray drives, ME- 1418 and ME-1428. See LE-05, CE-02, CE-03, CE-10, CE-11, CE-16 and CE-18. A 3/4-inch conduit (Shielded CAT6), F1471, will need to be added between CTC-HW and CP-1471 to provide communication for the new control panel. See CE-09.

New conduit C1471 has been designated for the control wires between CP-1471 and the new LCP located at the booster pump (LCP-1471). Spare conduit SP1422 will be repurposed as C1471+ and will be used to combine C1471 up to HH-105. Conduit C1471 will be routed from HH-105 to LCP-1471. This conduit will be 1-inch and contain 9 #12 wires with #12 ground (120VAC). See drawings CE-05, CE-06, CE-10, CE-16 and CE-18. One new LCP (LCPP-1471) with HOR and OCR switches for the booster pump motor and new solenoid valves (SV-1417 and SV-1427) will also be installed, as shown on LE-05. Conduits C1417 and C1427 will provide power and controls to SV-1417 and SV-1427 (2 #12, 120 VAC). New conduit C1418 (1-inch, 8 #12, intrinsically safe) has been added to provide control wiring from CP-1471 to the home and away switches for the fine screen spray bars. Spare conduit SP-1432 will be used to for C1418 from CP-

1471 to HH-105. See drawings CE-05, CE-10 and CE-18. The installation of the new booster pump will also require the addition of two new pressure gauges, one on the suction line (PI-1470) and one on the discharge line (PI-1472). These will be the same make and model as other pressure gauges installed throughout the plant. See PI-05 and E-17.

Exclusions: Control Panels, Instrumentation, Installation of inline instrumentation, Set up of network and SCADA updates, programming, concrete, concrete pads, dry pack, digging, backfill, surface restoration, Overtime.

Change in time: 5 days

Southern Contracting reserves all rights to additional costs and time for changes not identified in the documents furnished, and is not responsible for additional costs or time for work which is not part of our contract scope of work, unless stipulated above. Should additional information or clarification be required, please contact me at your convenience.

Summary

Total: \$33,144.29

Reservation of Rights

This COR does not include any amount for impacts such as interference, disruptions, rescheduling, changes in the sequence of work, delays and/or associated acceleration. We expressly reserve the right to submit our request for any of these items.

Signed By:

Daniel Alcantar PM Dated: 7/19/2021

103801 Beaumont Chang Orders Estimator: Dan Alcantar

Job Name: 103801 Beaumont Chang Orders

Contractor:

- Estimator: Dan Alcantar
 - Notes:

Bid Date:

		Material		Labor			
Summary Description	Extended	%	Adjusted	Extended	%	Adjusted	
COR#030 CLAR-046 HP wash System	\$12,661.25	100.00%	\$12,661.25	142.04	100.00%	142.04	

Top Sheet				
Raw Cost		\$27,554.52	Sales per Month	\$0.00
Тах		\$981.25	Return per Month	\$0.00
Raw Cost with Tax		\$28,535.77	Price per Square Foot	\$0.00
Overhead		\$4,280.36	Hours per Square Foot	0.00
Profit		\$0.00	Square Feet	0.00
Total Return Amount		\$4,280.36	Job Months	0.00
Total Return %		12.91%	Hours per Week	0.00
Price		\$32,816.13	Workers per Day	0.00
Bond		\$328.16	Total Hours	142.04
Sell Price		\$33,144.29	Markup Sales Tax (Overhead)	Yes
Adjusted Sell ()		\$0.00	Markup Sales Tax (Profit)	Yes
Adjusted Sell Return	0.00 %	\$0.00	Use Bond Table	Yes

Labor	Percent	Hours	Hourly	Burd	en	
Class Description	of Total	Distributed	Rate	Rate	Percent	Labor Cost
Journeyman	100.00%	142.04	\$85.51	\$0.00	0.00%	\$12,146.27
Totals	100.00%	142.04	\$85.51	\$0.00	0.00%	\$12,146.27

Mark Ups		OVERHEAD			PROFIT			
	Total		%	Amount		%	Amount	
Materials	\$12,661.25	+	15.00%	\$14,560.44	+	0.00%	\$14,560.44	
Labor	\$12,146.27	+	15.00%	\$13,968.21	+	0.00%	\$13,968.21	
Supplier Quotes	\$0.00	+	15.00%	\$0.00	+	0.00%	\$0.00	
SubContractors	\$0.00	+	5.00%	\$0.00	+	0.00%	\$0.00	
Direct Job Expense	\$2,747.00	+	15.00%	\$3,159.05	+	0.00%	\$3,159.05	

7/19/2021 4:07:24 PM McCormick Systems, Inc. Page 1 of 2

Bid Summary Report

103801 Beaumont Chang Orders	Estimator: D	an Alcantar			Job #2336		
Equipment Rental	\$0.00 +	15.00%	\$0.00 +	0.00%	\$0.00		
Totals	\$27,554.52	15.00%	\$31,687.70	0.00%	\$31,687.70		

Tax Report	Taxed Amount	Tax Rate %	Tax Amount
Materials	\$12,661.25	7.75%	\$981.25
Labor	\$12,146.27	0.00%	\$0.00
Supplier Quotes	\$0.00	0.00%	\$0.00
SubContractors	\$0.00	0.00%	\$0.00
Direct Job Expense	\$0.00	0.00%	\$0.00
Equipment Rental	\$0.00	0.00%	\$0.00
		Total Tax:	\$981.25

Direct Job Expense							
Name	Supplier	Tax (0.0 %)	Unit Cost M	lultiplier	Amount		
Truck		No	\$27.47	100.00	\$2,747.00		
			Т	otal:	\$2,747.00		

Job Name: 103801 Beaumont Chang Orders Job Number: 2336 Extension Name: COR#030 CLAR-046 HP wash System

[Items and ByProducts]

Material Filter: <None> Report: COR - 1

Item #	Item Name	Quantity	Unit Price	U	Ext Price	Unit Labor	U	Ext Labor
Label Set:	Combined, Combined, Combined, Com	bined, Combine	ed		<u>\$12,661.25</u>			<u>142.04</u>
Cost Code	e: 010 - Conduit/Raceway				<u>\$2,069.84</u>			<u>18.00</u>
1,134	3/4 GRC	30.00	\$360.05	С	\$108.01	6.00	С	1.80
1,974	1-3/4 REDUCING BUSHING	8.00	\$375.69	С	\$30.06	20.00	С	1.60
2,536	1 5/8 KINDORF-SLOTTED HDG	10.00	\$460.00	С	\$46.00	11.00	С	1.10
2,677	1 5/8 STRUT-STAINLESS	20.00	\$1,187.50	С	\$237.50	15.00	С	3.00
2,703	3/4 GRC/PVC COATED	40.00	\$474.52	С	\$189.81	8.00	С	3.20
2,704	1 GRC/PVC COATED	20.00	\$614.33	С	\$122.87	10.00	С	2.00
2,811	1 GRC/PVC HUB	4.00	\$51.43	Е	\$205.74	50.00	С	2.00
3,101	3/4 GRC/PVC C105 STRP	10.00	\$253.52	С	\$25.35	3.00	С	0.30
3,102	1 GRC/PVC C105 STRP	20.00	\$278.52	С	\$55.70	3.00	С	0.60
3,977	1/2" FLEX WP OCAL STR CONN	20.00	\$52.44	Е	\$1,048.80	12.00	С	2.40
Cost Code	e: 020 - Wire/Cable				<u>\$3,714.21</u>			<u>108.04</u>
4	16 TSP - SHIELDED CABLE BELDEN	1,000.00	\$720.00	М	\$720.00	10.00	М	10.00
44	12 THHN CU STRANDED	8,850.00	\$175.24	М	\$1,550.86	6.00	М	53.10
45	10 THHN CU STRANDED	3,750.00	\$267.99	М	\$1,004.95	7.50	М	28.13
749	CAT6E CABLE	100.00	\$950.00	М	\$95.00	25.00	М	2.50
750	CAT6 TERMINATION	2.00	\$6.60	Е	\$13.20	0.25	Е	0.50
4,151	16 GA TERMINATION	12.00	\$300.00	С	\$36.00	0.12	Е	1.44
4,153	12 GA TERMINATION	48.00	\$110.00	С	\$52.80	0.15	Е	7.20
4,154	10 GA TERMINATION	24.00	\$110.00	С	\$26.40	0.18	Е	4.32
60,050	Wire Tags Tube Style	86.00	\$250.00	С	\$215.00	1.00	С	0.86
Cost Code	e: 060 - Hazardous Systems				<u>\$6,877.20</u>			<u>16.00</u>
3,886	1/2" EP PROOF FLEX 18"	20.00	\$343.86	E	\$6,877.20	0.80	E	16.00
[Items an	d ByProducts] Total:				\$12,661.25			142.04

CITY OF BEAUMONT WASTEWATER TREATMENT PLANT SALT MITIGATION UPGRADE PROJECT

CLARIFICATION 46

To (Construction Manager):	Stantec Attention: Charles Reyn Phone: 702-497-8024 Email: Charles.w.reynol	olds ds@stantec.com			
From (Engineer):	AOUA Engineering				
(<u></u> g):	Attention: Boris Patkovi				
	Attention. Bons Fetkovi				
	Phone: 801-683-3734				
	Email: boris.petkovic@a	aquaeng.com			
Subject: Fine Screens Water B	ooster Pumps	Location: Fine Screens Area			
Reference Documents: Drawin	ng Nos. FSM-1, FSM-2, P	I-05, LE-01, LE-05, E-04, E-12, E-17, CE-02, CE-03, CE-			
05 CE-06 CE-08 CE-09 CE-1	0 CE-11 CE-16 CE-18	, -, -, -, -, -, -, -, -, -, -, -, -,			
05, CE-00, CE-00, CE-07, CE-10, CE-11, CE-10					
CLARIFICATION					
Note the following:	Note the following:				

An optional high-pressure wash system will be installed at the two existing fine screens to minimize the time required for manual washing by plant staff. Huber Technology will provide the required internal screen components, booster pump (P-1471), associated solenoid valves (SV-1417 and SV-1427) and labor required to install the internal screen components. The supply and discharge piping and misc. valves, instrumentation, pump and pipe supports shall be provided and installed by the contractor as indicated in the attached FSM-1 and -2 drawings.

The new booster pump (P-1471) will be powered and controlled by a 5 hp starter, installed as part of a new control panel, CP-1471. The new fine screen spray motors (ME-1418 and ME-1428) will also be provided with 5 hp starters at CP-1471. Control panel CP-1471 will be located in the electrical building, as shown on drawing LE-01. CP-1471 will be powered from DP-HW2, utilizing a 30AT breaker, as shown on E-04 and E-12. Conduit P1471 (3/4-inch) 3#10 with #12 ground will be added to provide power from DP-HW2 to CP-1471. Spare conduit SP1412 will be repurposed as part of conduit P1471A from the starters in CP-1471 to HH-105. After exiting HH-105, conduit P1471A (1-inch, 9#10 with 3 #12 grounds) will power the new booster pump, P-1471, and the fine screen spray drives, ME-1418 and ME-1428. See LE-05, CE-02, CE-03, CE-10, CE-11, CE-16 and CE-18.

A 3/4-inch conduit (Shielded CAT6), F1471, will need to be added between CTC-HW and CP-1471 to provide communication for the new control panel. See CE-09.

New conduit C1471 has been designated for the control wires between CP-1471 and the new LCP located at the booster pump (LCP-1471). Spare conduit SP1422 will be repurposed as C1471+ and will be used to combine C1471 up to HH-105. Conduit C1471 will be routed from HH-105 to LCP-1471. This conduit will be 1-inch and contain 9 #12 wires with #12 ground (120VAC). See drawings CE-05, CE-06, CE-10, CE-16 and CE-18. One new LCP (LCP-P-1471) with HOR and OCR switches for the booster pump motor and new solenoid valves (SV-1417 and SV-1427) will also be installed, as shown on LE-05. Conduits C1417 and C1427 will provide power and controls to SV-1417 and SV-1427 (2 #12, 120 VAC).

New conduit C1418 (1-inch, 8 #12, intrinsically safe) has been added to provide control wiring from CP-1471 to the home and away switches for the fine screen spray bars. Spare conduit SP-1432 will be used to for C1418 from CP-1471 to HH-105. See drawings CE-05, CE-10 and CE-18.

The installation of the new booster pump will also require the addition of two new pressure gauges, one on the suction line (PI-1470) and one on the discharge line (PI-1472). These will be the same make and model as other pressure gauges installed throughout the plant. See PI-05 and E-17.

CITY OF BEAUMONT WASTEWATER TREATMENT PLANT SALT MITIGATION UPGRADE PROJECT

Prepared By (Name) : SKM Engineering	Boris Petkovic, AQUA Engineering; Lindsey Stevens,	Date:	6/29/2021
Distributed By:		Date:	













HTS TO REPRODUCE, USE, 2018 BOUNTIFU, UTAH	ORIGINAL No DATE DESIGN DRAWN CHECKED C 09/05/18 MPJ DCL MPJ 1 06/07/21 MPJ DCL MPJ
RANSMITTED IN CONFIDENCE NEITHER RECEIPT NOR POSSESSION CONFERS OR TRANSFERS ANY RIGHTED	CITY OF BEAUMONT SALT MITIGATION WWTP UPGRADE ELECTRICAL - POWER DISTRIBUTION MCC-HW2 ONELINE
THIS DRAWING IS PROPERTY OF SKM ENGINEERING AND IS 1 OR DISCLOSE, IN WHOLE OR IN PART, DATA CONTAINED HER	E N G I N E E R I N G S33 W 2000 S, SUITE 275, BOUNTIFUL, UT 84010 PHONE (801) 299-1327 FAX (801) 299-0153
533 W 2600 S, Suite 25 Bountiful, Utah 8401 0 Phone: (801) 677–0011 www.skmeng.com	A L B E R T A. CIVIL ENGINEERS STAB MC RNY STRETT PH. (951) 788–1070 A S S O C I A T E S ENGINEERING CONSULTANTS
0 1/2 1 DRAWING IS TO SCALE IF BAR MEASURES: 1" = FULL SCALE 1/2" = HALF SCALE	SHEET 120 OF 172 E-04

CIRCUIT/DESCRIPTION

MCC-UV UV TRAIN 1

MOTOR LOADS

NON-MOTOR LOADS

SUBTOTAL + 25% OF LARGEST MOTOR TOTAL AMPS @ 480V/3PHASE SERVICE SIZE (AMPS)

SWGR-HW LOAD CALCULATIONS

MOTOR LOADS OP-MVI OP-MV2 MCC-HW2 MCC-HW2 SOLIOS HOLDING TANK BLOWER 1 ME-8401 SOLIOS HOLDING TANK BLOWER 1 ME-8402 SOLIOS HOLDING TANK BLOWER 3 ME-8403

BAND -			277148011	MAINZB	NONE	DUIC AMOS	400 4845		
CB TYPE	BOLT ON	MOUNTING	SURFACE	BUSAIC	65KA	BKR AIC	400 A00F N/A		
CIRCUIT DESCRIPTION	₿KR	CIRCUIT	PHASE A	PHASE B	PHASE C	CIRCUIT	 6KR	CIRCUIT DESCRIPTION	
-1101			292			2		CO 100 0100	
EADWORKS DIST, BOX	15/3	15/3	3		292			20/3	COURSE SCREEN 1
XIST:NG}		5		1 /94 E	292	4		(EXISTING)	
				·	292	ß			
-1102		·····	4999	-		8		00 107 1170	
SADWORKS DIST, BOX	15/3	15/3	9		292			40/3	WASHER/COMPACTOR 1
XISTang)		11		a 4999	292	10		(EXISTING)	
				.	4999	12			
-111		13	12497			14			
DERSE SCREEN 1	15/3	15		292			70/3	CP-1231	
XISTING)		17		g (245)	292	61		Gud Lindolph O Southaw	
		10	202		12497	18			
-1113		19	292			20		8.7 same	
DERSE SCREEN 1	15/3	21		292			15/3	INFLUENT PUMP 3	
XISTING)		23			292			ISO VALVE TO EG	
				1	292	Ż4		<u>.</u>	
-1151		<u>2</u> 0	292	-	EN	25	15/3	Dia senti	
EADWORKS BYPASS	15/3	27		292				INFLUENT PUMP 3	
XISTING)		29			292	20		ISO VALVE TO MBR	
		24			292	30		<u>.</u>	
-1152			292 292	-		32			
EADWORKS BYPASS	15/3	33		32 32 292 15/3 292 34 15/3 E0 BASIN ISO VALVE					
NISTING)		35		In the second second	292			EA BUSING OR ANCAE	
			4.0.10	4	292	345			
		31	1329			38			
P-ME-1413	20/3	39		1.329			15/3	SPARE	
NG SUNCEN I		41			1329	40			
			2040			42			
1004		43	15000			44			
ECTRICAL BUILDING	20/3	45		2659			70/3	XEMR-HM3 / LP-HM3	
ONDENSER 1		47		a 15000	2659	40			
				1	15000	48			
1002		09	038			50			
ECTRICAL BUILDING	15/3	51		638		£9	20/3	SPARE	
R HANDLER 1		53			638	32			
						54			
		55				58			
PARE	20/3	57		15/3 ISPACE					
		59			2010/00/07/2012/24	30			
						60			
UNNEGTED VA PER PHASE			40047.4	: 4DU47.4	: AUCH7.4	NUTES.			
DNNECTED AMPS PER PHAS	SE		144.6	: 144.6	144.6				
% OF CONTINUOUS & LIGH	TING LOAD	(VA)	10011.8	10011.8	10011.8				
			50060.0	: Konto o					
JUKE VA FER FRAGE			30038.2	. 30039.2 :	- 30038.2 :				
DDE AMPS PER PHASE			18D.7	180.7	180.7				
	DP-	HW1	LOAD	CALC	ULAT	IONS			

FLA

154. 104.

45.0 (1115.4 1500.0

5

144.6 155. 96 96

PANEL	DP-HW2	VOLTAGE	277/489V	MAINCB	NONE	BUS AMPS	400 AMP	
CB TYPE	BOLT ON	MOUNTING	SURFACE	BUS A LC	65KA	BKR AIC	N/A	
CIRCUIT DESCRIPTION	BKR	CIRCUIT	PHASE A	PHASE B	PHASE C	CIRCUIT	<u> </u>	CIRCUIT DESCRIPTION
		1	292		(<u>) () () () () () () () () () () () () ()</u>			
mb ake side			: 1328 Similari		<u>.</u>			CD 805 1400
COMPARENCEZ	20/3			1220			20/3	FINE SCREEN 2
		5			292	×		: .
			Sec. 11 - 54		1329	в		
:		7	4999					
			1329			8		00.808 1477
CP-ME-1182	40/3	9		4999			2003	KIND SCREEN S
WASHER/COMPACTOR 2	4010			1329		10		(FUTURE)
		11			4999		-	,
		4.5	7701		1.329	T2		
		13	2393	· · · · · · · · · · · · · · · · · · ·	N	† 4	-	
CP-ME-1611		15		2393				H-1902
MEADWORKS	30/3			2659	100 CO. 100 CO.	16	20/3	ELECTRICAL BUILDING
ODOR CONTROL UNIT		17	STOLEN SERVICE		2393			CONDERSER 2
					2659	18		
		19	2393				i	
CP-ME-1711		L	636			20		H-19874
FINE SCREENS	30/3	21		2393			15/3	ELECTRICAL BUILDING
ODOR CONTROL UNIT				038	10000000000000000000000000000000000000		ļ	AIR MANDLER 2
		23 638 24						
			15000			£4		•
			Shap			28	-	
	3 0.00	27		15000			20/2	MPC-SP
XP3/18-PW/271P-P5/82	70/3			5000		28	ļ	
		29			15000			
				10.00		30		
		31	\sim			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	p	
			2659	<u> </u>		32		CP-1471
SPARE	20/3	3.3		7660			- 30/3	FINE SCREENS HIGH
		75		2039				PRESSURE SYSTEM
					2659	7/1	1	
		37		a ana a sa	CALL COLOR			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		[38		
SOACE		39						SPACE
or more						40		
		41						
						42		
		43						
		45						
SPACE						46		SPACE
		47						
						48		
CONNECTED VA PER PHASE		(38692.5	38692.5	33692.5	NOTES.		-
						(
CONNECTED AMPS PER PHAS	Æ		139.7	139.7	121.6			
ALL OF CONTRACTOR A LOCAL			0,674.4	04'12 1	0400 I			
23% OF CONTINUOUS & LIGH	ING LOAD	(VA)	90/3.1	9073.1	8423.1	5		
COOF VA PER PHASE	······	(48365.6	48365.6	42115.6	5		
			10004.0			5		
CODE AMPS PER PHASE			174.6	174.6	152.0			

MCC-HW1 LOAD CALCULATIONS

DROUT/DESCRIPTION	KVA	에	PEA -
MUTOR LOADS		5	
RIT TRAP 1		3.6	3.5
VFLUENT PLMP 1 P-1311		30 0	40.0
VFLUENT PUMP 3 P+1313		30.0	40.0
VELUENT PUMP 5 P-1315		30 0	
INE SCREEN 1 CONVEYOR ME 1443		2 0	3.4
INE SCREEN 3 CONVEYOR (FUTURE) ME-1461		2.0	3.4
IPW 25MP 1 2 8401		15.0	21.0
IPW PUMP 3 (2-6403		15.0	21.6
ECYCLED WATER LIFT PUMP 1 P 7111		15.0	21.0
ECYCLED WATER LIFT PUMP 3 P-7113		15 0	•
ENTRFUGE FEED POAR 1 P-8:01	:	20.0	27.8
SUBTOTAL			\$79.8
- 25% OF LARGEST MOTOR			10.0
TOTAL AMPS @ 480V/3PHASE			\$89.8
SERVICE SIZE (AMPS)			400.0

MCC-HW2 LOAD CALCULATIONS

}_5

CIRCUIT/DESCRIPTION	KVA	HP	FLA
		1	••••••
MOTOR LOADS		: 1	
CRIT TRAP 2 ME-1212		1.5	0.C
NFLUENT PUMP 2 P-1312		30.0	40,0
VFLUENT PUMP 4 P-1314		30 0	40.0
FIRE SCREEN 2 CONVEYOR ME-1451		2.0	3.4
NPW PLWP 2 P-6402		. 15.0	21.3
VPW PUMP 4 P-6404		15.0	•
RECYCLED WATER UFT PLMP 2 (P-7112		15.0	21.0
CENTR/FUGE FEED PUMP 2 IP-8102		20.0	27.8
CENTRIFUGE FEED PUMP 3 P 8103		20.0	•
SUBTOTAL		i	KEE A
			10.0
* 25% OF DARGEST MOTOR			10.0
TO TAL AMPS @ 480V/3PMASE			155.4
SERVICE SIZE (AMPS)			400.0

DP-HW2 LOAD CALCULATIONS

				ECKED	
SCRIPTION KVA	HP	FLA		WN CHE	
MCC UV MOTOR LOADS R BOX MIXER ME-6103	7.5	11.8 0.6		NAL N DRA	
457-1		0.0	USE,	RIGI	MPJ MPJ MPJ MPJ
2.3-8102	0.6	9.0	ICE, I	ö_	*****
4 3-6202	, je	1.1	n, r VL, L	ATE	1/1 1/1 11/2
5 6-6301	0.5	3.1	NTIF	/D	09/0 03/1
NON-MOTOR LOADS 56.1	6	104.3	BOU	ö	0 7 7 7 0 0 7 7 1 0
30.	0	36.1	SHTS 2018	z	
C: 27/17.1	_	554 7	Y RIG		
- 25% OF LARGEST MOTOR TOTAL AMPS @ 480VL2PHASE SERVICE SIZE (AMPS)	NG)	2.8 167.5 400.0	NR TRANSFERS AN RING. © COPYRIGH		RADE
LOAD CALCULAT	<u>ION</u> :	<u>S</u>	NISMITTED IN CONFIDENCE NEITHER RECEIPT NOR POSSESSION CONFERS. 4 FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF SKM ENGINEE	CITY OF BEAUMONT	SALT MITIGATION WWTP UPG ELECTRICAL - POWER DISTRIE CALCULATIONS 1
			THIS DRAWING IS PROPERTY OF SKM ENGINEERING AND IS TR OR DISCLOSE, IN WHOLE OR IN PART, DATA CONTAINED HEREI		E N G I N E E R I N G S33 W 2600 S, SUITE 275, BOUNTIFUL, UT 84010 PHONE (601) 289-1327 FAX (601) 289-0153
		533 W 2600 S, Suite 25 Bountiful, Utah 84010 Phone: (801) 677–0011	www.skmeng.com	ALBERT A.	WEBBB OT I ENGINEERS THE THE SHEERS AND A CEAN STREET THE SHEERS AND A CEAN STREET A S S O C I A T E S FAX (951) 788-1256 ENGINEERING CONSULTANTS
	DR I	0 1/2 AWING IS TO F BAR MEAS 1" = FULL 2" = HALF	1 SCALE SCALE SCALE SCALE	SHE	et 128 of 172 E-12

CIRCUIT/DESCRIPTION	KVA	HP 1	FLA
	1	Ĩ	
MCC/UV MOYOR LOADS	1		
UV SPLITTER BOX MIXER ME-6103	Ī	7.5	11.0
TROLLEY-HOIST-2		6-0	0.0
TROLLEY HOIST 1	[9.0	ρ. ε
WEIR-GATE-1-G-6101	1	0.5	9.0
WER-GATE-2-G-8102	1	Q.6;	9.6
WEIR GATE 3 G-6201		95	1 ,1
WEIR GATE 4 G-6202		0.5	1.1
WEIR GATE 5 G-6001		0.5	3.1
		ĺ	
NON MOTOR LOADS	<u>i</u>	<u> </u>	
UV TRAIN 2	86.6	1	104.3
LP-D XFMR	30.0	1	36.1
	<u>.</u>		
SUBTOTAL			154 7
- 25% OF LARGEST MOTOR			2.8
TOTAL AMPS @ 480V/3PHASE			167.5
SERVICE SIZE (AMPS)			400.0

SHEE 23-04 23-04	1 T TAG 4 13-1301A 4 12-1301B	DESCRIPTION INFLUENT PUMP STATION LEVEL DISPLAY & INFLUENT PUMP STATION LEVEL DISPLAY B	PRECISION DIGITAL PRECISION DIGITAL	MODEL. TRIDENT PD765 X2 TRIDENT PD765 X2	SUPPLY RANGE 24VDC 0-23.1 FEET 24VDC 0-23.1 FEET	COMMENTS OR APPROVED EQUAL OR APPROVED EQUAL		
위:-04 위:-04	4 LT-1301A 4 LT-1301B	INFLUENT PUMP STATION LEVEL TRANSDUCER A INFLUENT PUMP STATION LEVEL TRANSDUCER B	KPSI KPSI	750 750	24 VDC 0-23.1 FEET 24 VDC 0-23.1 FEET	LARGE HEAD, OR APPROVED EQUAL LARGE HEAD, OR APPROVED EQUAL		DRA DRA
Pi-04 Pi-04	4 £SH-1302 4 £SE-1302	INFLUENT PUMP STATION HIGH LEVEL SWITCH INFLUENT PUMP STATION LOW LEVEL SWITCH	USA BLUEBOOK	48233	NO CONTACT 6.2"	AVOCADO STYLE FLOAT SMITCH NORMALLY OPEN WITH APPROPRIATE LENSTH CABLE. NO MERCURY, OR APPROVED EQUAL AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LENSTH CABLE, NO MERCURY, OR APPROVED EQUAL	ці.	
Pi-04 Pi-04 Pi-04	4 PI-1312 4 PI-1312	INFLUENT FUMP 2 PRESSURE GAUGE	ASHCROFT ASHCROFT ASHCROFT	1279 SERIES 1279 SERIES 1279 SERIES	0-50 PSI 0-60 PSI 0-50 PSI	-OR APPROVED EQUAL	H C	
21-54 21-54	4 121-1314 4 121-1315	INFLUENT PUMP & PRESSURE GAUGE INFLUENT PUMP & PRESSURE GAUGE	ASHCROFT ASHCROFT	1279 SERIES 1279 SERIES	0-60 PSI 0-60 PSI	OR APPROVED EQUAL		FUL, u)ATE (05/1
Pi-04 Pi-04	4 PE/PIT-1332 4 PE/PIT-1342	INFLUENT PUMPS TO FINE SCREENS FLOW SENSOR/TRANSMITTER INFLUENT PUMPS TO EQ BASIN FLOW SENSOR/TRANSMITTER	ENDRESS & HAUSER ENDRESS & HAUSER	PROMAG W 500 PROMAG W 500	120VAC : 120VAC :	24', 6000 IS THE TRANSMITTER, W 500 IS THE FLOWMETER, OR APPROVED EQUAL 20', 6000 IS THE TRANSMITTER, W 500 IS THE FLOWMETER, OR APPROVED EQUAL		
23-044 23-044	A 1217-1501 A LE-1601	EQUALIZATION BASIN LEVEL TRANSMITTER EQUALIZATION BASIN RADAR LEVEL SENSOR EQUALIZATION BASIN RADAR LEVEL SENSOR	SIEMENS	HYDRORANGER 200 SITRANS LR200	120VAC : 0-25 FT	OR APPROVED EQUAL	11 ST 11 R TC	- UN.
Pi-04/ 9%04/	A LE-1502 A LE-1503	EQUALIZATION BASIN RADAR LEVEL SENSOR EQUALIZATION BASIN HIGH LEVEL SENSOR	SIEMENS USA BLUEBOOK	SITRANS LR200 48233		PROVIDE WITH FLANGE ADAPTER, OR APPROVED EQUAL AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE, NO MERCURY: OR APPROVED EQUAL	× T TED 20 GG	ΤΕΓ
29-04/ 12:-04/	A LSH-1504 A FE/FIT-1541	EQUALIZATION BASIN HIGH LEVEL SWITCH EQ BASIN PUMPS TO FINE SCREENS FLOW SENSOR/TRANSMITTER	USA BLUEBOCK ENDRESS & HAUSER	48233 PROMAG W 500	NO CONTACT 120VAC	AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE, NO MERCURY, OR APPROVED EQUAL 16', 6000 IS THE TRANSMITTER W 500 IS THE FLOWMETER, OR APPROVED EQUAL		191 191 191
Pi-05	5 PI-1470 6 PI-1472	INPW BOOSTER PUMP SUCTION PRESSURE GAUGE INPW BOOSTER PUMP DISCHARGE PRESSURE GAUGE	ASHCROFT ASHCROFT	1279 SERIES 1279 SERIES	: :	OR APPROVED EQUAL	ASFE CODY	
21-06 21-06	8 AT-2331 8 AE-2311 8 BE/KIY 2322	ANOXIC BASIN LORP TRANSMITTER ANOXIC BASIN LORP SENSOR ASCATION BASIN LAIP SCHUL SESSOR (BANSMITTER	HACH	DRD STE1	120VAC	OR APPROVED EQUAL PROVIDE ORP SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOUNTING KIT, OR APPROVED EQUAL SECOL DEPC WITH CONDITIONING PLATES, OR APPROVED FOLIAL SECOL DEPC WITH CONDITIONING PLATES, OR APPROVED FOLIAL	A T A A A A A A A A A A A A A A A A A A	
PI-08	8 AlT-2151 8 AF-2161	AERATION BASINT AIR FOOT SENSOR TRANSMITTER 1 AERATION BASINT DISSOLVED OXYGEN TRANSMITTER 1 AERATION BASINT DISSOLVED OXYGEN 1 SENSOR	HACH	\$C200	120VAC : AIT-2151	OR APPROVED EQUAL OR APPROVED EQUAL PROVIDE EQUAL PROVIDE OD SENSOR WITH APPROPRIATE CARL # LENGTH & HANDRAIL MOLINTING KIT, OR APPROVED FOLIAL	RS OF	
P)-08	8 AlT-2152 8 AE-2152	AERATION BASIN 1 DISSOLVED OXYGEN TRANSMITTER 2 AERATION BASIN 1 DISSOLVED OXYGEN 2 SENSOR	HACH HACH	\$C200 LDO PROBE 2	120VAC : AIT-2152 :	OR APPROVED EQUAL PROVIDE DO SENSOR WITH APPROPRIATE CABLE LENSTH & HANDRAIL MOUNTING KIT, OR APPROVED EQUAL		
Pi-08 Pi-08	8 AE-2182 8 Al'(-2211	AMEROBIC BASIN 1 ORP SENSOR ANOXIC BASIN 2 ORP TRANSMITTER	HACH HACH	DRD SC200	Al'f-2111 : 120VAC :	PROVIDE ORP SENSOR WITH APPROPRIATE CABLE LENGTH & MANDRAIL MOUNTING KIT, OR APPROVED EQUAL OR APPROVED EQUAL		
PI-06 PI-08	3 AE-2211 8 FE/FI7-2232	ANOXIC BASIN 2 ORP SENSOR AERATION BASIN 2 AIR FLOW SENSOR/TRANSMITTER	HACH FCI	DRD ST51	Al'f-2211 120VAC	PROVIDE ORP SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOUNTING KIT; OR APPROVED EQUAL SPOOL PIECE WITH CONDITIONING PLATES, OR APPROVED EQUAL	SSS Son of S	
Pi-06	5 <u>AIT-2251</u> 5 A E -2251	AERATION BASIN 2 DISSOLVED OXYGEN TRANSMITTER 1 AERATION BASIN 2 DISSOLVED OXYGEN TRANSMITTER 1	HACH HACH	LDO PROBE 2	120VAC AIT-2251	OR APPROVED EQUAL PROVIDE DO SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOLINTING KIT: OR APPROVED EQUAL OR APPROVED EQUAL	A NISSIA	
91-00 91-19	5 AE-2252 5 AE-2252 5 AE-2262	AERATION BASIN 2 DISSOLVED OX TOEN TRANSMITTER 2 IAERATION BASIN 2 DISSOLVED OXYGEN 2 SENSOR		LDO PROBE 2	AIT-2252	OR APPRIVED EDUAL PROVIDE DO SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOLINTING KIT: OR APPROVED EDUAL PROVIDE DO SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOLINTING KIT: OR APPROVED EDUAL		
PI-07 PI-07	7 AIT-2311 7 AE-2311	ANOXIC BASIN 3 ORP TRANSMITTER ANOXIC BASIN 3 ORP SENSOR	HACH HACH	SC200 DRD	120VAC : AIT-2311 :	OR APPROVED EQUAL PROVIDE ORP SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL, MOUNTING KIT: OR APPROVED EQUAL		비비 문
Pi-07 Pi-07	7 F5/FI7-2332 7 AIT-2351	AERATION BASIN 3 AIR FLOW SENSOR/TRANSMITTER 1 AERATION BASIN 3 DISSOLVED OXYGEN TRANSMITTER	FCI HACH	ST51 SC200	120VAC : 120VAC :	SPOOL PIECE WITH CONDITIONING PLATES: OR APPROVED EQUAL OR APPROVED EQUAL	EE R R R R R R	
P5-07 P5-07	7 AE-2351 7 AIT-2352	AERATION BASIN 3 DISSOLVED OXYGEN 1 SENSOR AERATION BASIN 3 DISSOLVED OXYGEN TRANSMITTER 2	HACH HACH	LDO PROBE 2 \$C200	AIT-2351 : 120VAC :	PROVIDE DO SENSOR WITH APPROPRIATE CABLE LENGTH & HANCRAIL MOUNTING KIT: OR APPROVED EQUAL OR APPROVED EQUAL		휘말 문
PI-07	7 AE-2362 7 AE-2362 7 AIT-2411	AAAA HUN BASIN 3 DISAUU VED UN YEEN 2 SENSOR AAAEROBIC BASIN 3 ORP SENSOR JAMOWO BASIN 2 ORP TRANSMITTED	HACH	DRD SC200	All-2302 : AlT-2311 : 120V6C :	PROVIDE DO SERSCH WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOUNTING KIT, OR APPROVED EQUAL PROVIDE ORP SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOUNTING KIT, OR APPROVED EQUAL		
PI-07	7 AE-2411 7 FE/EIT-2432	ANOXIC BASINA ORP SENSOR JANOXIC BASINA ORP SENSOR JAERATION BASINA AIR FLOW SENSOR/TRANSMITTER	HACH	00200 DRD ST51	AIT-2411 : 120VAC :	OR APPROVED CROME PROVIDE ORP SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOLINTING KIT: OR APPROVED EQUAL SPOOL PIECE WITH CONDITIONING PLATES OR APPROVED EQUAL		
91-07 25-07	7 AIT-2451 7 AE-2451	AERATION BASIN & DISSOLVED OXYGEN TRANSMITTER 1 IAERATION BASIN & DISSOLVED OXYGEN 1 SENSOR	HACH HACH	SC200 LDO PROBE 2	120VAC : AIT-2451 :	OR APPROVED EQUAL PROVIDE DO SENSOR WITH APPROPRIATE CABLE LENSTH & HANDRAIL MOLINTING KIT: OR APPROVED EQUAL		
Pi-07 Pi-07	7 AIT-2452 7 AE-2452	AERATION BASIN 4 DISSOLVED OXYGEN TRANSMITTER 2 AERATION BASIN 4 DISSOLVED OXYGEN 2 SENSOR	HACH HACH	\$C200 LDO PROBE 2	120VAC : AIT-2452 :	OR APPROVED EQUAL PROVIDE DO SENSOR WITH APPROPRIATE CABLE LENGTH & HANGRAIL MOUNTING KIT: OR APPROVED EQUAL		S N
PI-07 PI-07	7 AE-2462 7 L.St2752	IANAEROBIC BASIN 4 ORP SENSOR DRAIN PUMP STATION LOW LEVEL SWITCH	USA BLUEBOOK	0RD 48233	AIT-2411 : NO CONTACT :	PROVIDE ORP SENSOR WITH APPROPRIATE CABLE LENGTH & HANDRAIL MOUNTING KIT: OR APPROVED EQUAL AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE, NO MERCURY: OR APPROVED EQUAL		L. L
P5-07 P5-07	7 1.SHH-2752 7 1.SHH-2752 7 PL-2763	DRAIN PUMP STATION HIGH LEVEL SWITCH DRAIN PUMP STATION HIGH HIGH LEVEL SWITCH DRAIN PI MP DRESSURE (SALISE	USA BLUEBOOK	48233 48233 1279 SERIES	NO CONTACT	AVOCADO STITLE FLORT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE. NO MERCURY, OR APPROVED EQUAL AVOCADO STITLE FLORT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE. NO MERCURY, OR APPROVED EQUAL OR APPROVED EQUAL		
P1-07 P1-08	7 FE/FIT-2764 8 1,1-3801	DRAIN PUMP STATION FLOW SENSOR/TRANSMITTER MSR FEED PUMP WET WELL DISPLAY FOR LEVEL TRANSDUCER	ENDRESS & HAUSER	PROMAG W 500 TRIDENT PD765 X2	120VAC : 0-23.1 FEET	6": 6000 IS THE TRANSMITTER W 500 IS THE FLOWMETER OR APPROVED EQUAL OR APPROVED EQUAL		
२१-08 २१-08	8 L.T-3801 8 L.SH-3802	MBR FEED PUMP WET WELL LEVEL TRANSCLICER MBR FEED PUMP WET WELL HIGH LEVEL SWITCH	KPSI USA BLUEBOOK	750 48233	24VDC : NO CONTACT :	LARGE HEAD; OR APPROVED EQUAL AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE, NO MERCURY; OR APPROVED EQUAL		
P1-08	8 I.St3802 8 PI-3811	MBR FEED PLANP WET WELL LOW LEVEL SWITCH MBR FEED PLANP 1 PRESSURE GALISE	USA BLUEBOOK	48233 1279 SERIES	NO CONTACT : 0-30 PSI	AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE, NO MERCURY, OR APPROVED EQUAL OR APPROVED EQUAL		
95-08 91-08	5 F3-3815 8 FSL-3815 8 FL-3816	MBR FEED FUMP I SEAL WATER FIESDORE GAUGE MBR FEED FUMP I SEAL WATER LOW FLOW SWITCH MBR FEED FIMP I SEAL WATER ROTAMFTER FLOW (SALISE	DWYER	V6 V440 SERIES	NO/NC CONTACT	OR APPROVED EQUAL		
P1-08	6 Pl-3821 6 Pl-3824	MBR FEED PLMP 2 PRESSURE GALISE MBR FEED PLMP 2 SEAL WATER PRESSURE GAUGE	ASHCROFT	1279 SERIES 1279 SERIES		OR APPROVED EQUAL OR APPROVED EQUAL	R A A A A A A A A A A A A A A A A A A A	HAIN
Fi-08 Fi-08	8 FSL-3825 8 FI-3826	MBR FEED PUMP 2 SEAL WATER LOW FLOW SWITCH MBR FEED PUMP 2 SEAL WATER RDTAMETER FLOW GAUGE	DWYER KROHNE	V6 VA40 SERIES	NO/NC CONTACT	OR APPROVED EQUAL 12°: OR APPROVED EQUAL		
Pi-08 Pi-08	8 Pl+3831 8 Pl+3834	MBR FEED PLMP 3 PRESSURE GAUGE MBR FEED PLMP 3 SEAL WATER PRESSURE GAUGE	ASHCROFT	1279 SERIES 1279 SERIES	: :	OR APPROVED EQUAL OR APPROVED EQUAL		
P1-08 P1-08	6 FSL-3835 8 FI-3836	MBR FEED PLMP 3 SEAL WATER LOW FLOW SWITCH MBR FEED PLMP 3 SEAL WATER ROTAMETER FLOW GAUGE	KROHNE	V6 VA40 SERIES		OR APPROVED EQUAL	S S S S S S S S S S S S S S S S S S S	
91:08 91:08 01:09	5 P1+3041 8 P1+3844 8 FSL-3845	MBR FEED PLMP 4 PRESSURE GAUGE MBR FEED PLMP 4 SEAL WATER PRESSURE GAUGE MBR FEED DIAMP 4 SEAL WATER LOW E OW SWITCH	ASHCROFT	1279 SERIES	NO/NC CONTACT	OR APPROVED EQUAL OR APPROVED EQUAL OR APPROVED EQUAL		OSE,
P1-08	8 FI-3846 8 FE/FIT-3861	MBR FEED PUMP 4 SEAL WATER ROTAMETER FLOW GAUGE MBR FEED PUMPS FLOW TRANSMITTER	KROHNE ENDRESS & HAUSER	VA40 SERIES PROMAG W 500	120VAC	1/2"; OR AFPROVED EQUAL 42"; 6000 IS THE TRANSMITTER, W 500 IS THE FLOWMETER: OR APPROVED EQUAL		
P1-09 P1-09	9 AIT-3000 9 AE-3060	MSR INFLUENT CHANNEL TOTAL SUSPENDED SOLIDS TRANSMITTER MBR INFLUENT CHANNEL TOTAL SUSPENDED SOLIDS SENSOR	HACH HACH	SC200 SOLITAX	120VAC :: Al11-3000	OR APPROVED EQUAL PROVIDE WITH APPROPRIATE CABLE LENGTH, OR APPROVED EQUAL	E CONTRACTOR OF	5
Pt-09 Pt-09	9 PE/FIT-3122 9 PE/FIT-3222	MEMBRANE BASIN 1 BLOWER AIR FLOW SENSOR/TRANSMITTER MEMBRANE BASIN 2 BLOWER AIR FLOW SENSOR/TRANSMITTER	PCI PCI	ST51 ST51	120VAC 120VAC	OR APPROVED EQUAL OR APPROVED EQUAL		EET RS
25-09 25-09	9 PE/FI7-3322 9 PE/FI7-3422	MEMBRANE BASIN 3 BLOWER AIR FLOW SENSOR/TRANSMITTER MEMBRANE BASIN 4 BLOWER AIR FLOW SENSOR/TRANSMITTER FORM A REAL TO A COM A MARK DEPARTMENT		ST51 ST51 49223	120VAG 120VAC	OR APPROVED EQUAL OR APPROVED EQUAL AVECATIVE STOLES TO AN TO A DEBUGUE Y OPEN WITH ADDRODGUATE LENGTH CARLE. NO NERCORY, OR ADDRODGO STOLAG	m -00	× STF
25-10	9 FE/FIT-3593	SCUM LIFT STATION WAS FLOW SENSOR/TRANSMITTER	ENDRESS & HAUSER	PROMAG W 500 TRIDENT PD765 X2	120VAC : 0-23.1 FEET	3°: 600 IS THE TRANSMITTER W 500 IS THE PLOWMETER. OR APPROVED EQUAL OR APPROVED EQUAL	677 677 677	DE CRAC
25-10 25-10	0 LT-4001 0 £SH-4002	PERMEATE SPLITTER BOX LEVEL TRANSDUCER PERMEATE SPLITTER BOX HIGH LEVEL SWITCH	KPSI USA BLUEBOCK	750 48233	24VDC : NO CONTACT :	LARGE HEAD, OR APPROVED EQUAL AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LEWSTH CABLE. NO MERCURY: OR APPROVED EQUAL	000 001) Uta	
Pi-10 Pi-10	0 LSL-4002 0 TE/TT-4003	PERMEATE SPLITTER BOX LOW LEVEL SWITCH PERMEATE EFFLUENT TEMPERATURE	USA BLUEBOOK	48233 SERIES 78 & 3144P	NO CONTACT 24VDC	AVOCADO STYLE FLOAT SWITCH NORMALLY OPEN WITH APPROPRIATE LENGTH CABLE. NO MERCURY: OR APPROVED EQUAL PROVIDE WITH 316SS THERMOWELL, OR APPROVED EQUAL	W 26 Miful Wiski	5 k 2
원10 원10	0 Al 1-4004 0 AE-4004	PERMEATE SPLITTER BOX pH LEVEL TRANSMITTER PERMEATE SPLITTER BOX pH LEVEL SENSOR	НАСН	SC200 PHD	120VAC AIT-4004	OR APPROVED EQUAL PROVIDE WITH APPROPRIATE CABLE LENGTH, OR APPROVED EQUAL	S33 Www	
25-11 23-11 25-11	1 P11-2641 1 1/E/111-2642	BLOWERS TO AERATION BASING PRESSURE INVINSIMITIER BLOWERS TO AERATION BASING TEMPERATURE SENSOR/TRANSMITTER BLOWERS TO AFMAGRANE BASING DEPENDENT TRANSMITTER	ROSEMOUNT ROSEMOUNT	3051 SERIES SERIES 76 & 3144P 3051 SEDIES	24VLC 24VDC 24VTC	OR AFFROVED EXUAL PROVIDE WITH 316SS THERMOWELL, OR APPROVED EQUAL OR APPROVED FOLIAL		
Pi-11 Pi-12	1 TE/117-3742 2 L17-5002	BLOWERS TO MEMBRANE BASINS TEMPERATURE SENSOR/TRANSMITTER SODUM HYPOCHLORITE TAM RADAR LEVEL TRANSMITTER	ROSEMOUNT FLOWLINE	SERIES 78 & 3144P ECHO PULSE LR20	24VDC :	PROVIDE WITH 3165S THERMOWELL: OR APPROVED EQUAL PROVIDED BY TANK MANUFACTURER	\prec	~ ~ ~ ~ ~ ~ ~ ~
Pt-12 Pt-12	2 11-5002 2 191-50?1	SODUM HYPOCHLORITE TANK LEVEL DISPLAY SODUM HYPOCHLORITE CIRCULATION PLMPS PRESSURE GAUGE	PRECISION DIGITAL ASHCROPT	TRIDENT PD765 X2 1279 SERIES	24VDC	OR APPROVED EQUAL		
\$1-12 \$1-13	2 PE/PIT-5072 3 WAT-53D1	SOBUM HYPOCHLORITE CIRCULATION PUMPS FLOW SENSOR/TRANSMITTER IANTISCALANT TOTE SCALE TRANSMITTER	ENDRESS & HAUSER SCALETRON	PRCMAG W 500 1020	120VAC : 120VAC :	17: 6000 IS THE TRANSMITTER, W 500 IS THE PLOWMETER, OR APPROVED EQUAL		
Pi-13 Pi-13	3 WE-5301 3 PSN-5402	ANUISCALANT TOTE SCALE SENSOR EMERGENCY WASH STATION 1 HIGH FLOW SWITCH	SCALETRON DWYER	4042-63 LOW PLOW MODEL V6	WIT-5301 : NO/NC CONTACT :			
PE-13	a ran-5412 3 FSh-5422 3 FSh-5422	EXERCISED ALL IN A REAL AND A REA	E DWYER	LOW FLOW MODEL V6 LOW FLOW MODEL V6 ECNO PULSE LP20	NO/NE CONTACT : NO/NE CONTACT : 24VDC :	VIR APPROVED EQUAL VOR APPROVED EQUAL PROVIDED EQUAL PROVIDED EQUA		
원:-13/ 위:-14	A LIT-85501 4 A(T-30095	SULFORIC ACID YANK RADAR LEVEL TRANSMITTER RO INFLLENT PH LEVEL TRANSMITTER	FLOWLINE HACH	ECHO PULSE LR20 SC200	24VDC : 120VAC :	PROVIDED BY TANK MANUFACTURER MOUNTED TO SENSOR AE-30095, OR APPROVED EQUAL		SHEET 133
원-14	4 AE-30095	RO INFLUENT ON LEVEL SENSOR	HACH	рНĎ	AIT-30095	OR APPROVED EQUAL		

	CONDUIT SIZE	CONDUCTORS	SERVICE	FROM	POWER CONDUIT	COMBINED N	DUCTBANKS	NOTE5
ADDED	P1461 3" P1471 3/4"	3#15 V/#12 GND 3#15 V/#12 GND	480VAC 480VAC	DP-36M2	ME-3463 CP-1475		301, 105	
	P1477A 7	2#10 W/#10 GND	128VAC	LP-SH	LIT-1561	P1501+	303.1, 303.2	CONDERT WAS PREVIOUSLY SPIRITZ
	P1502 1* P1511 1*	2#13 W#16 GND 2#13 W#16 GND	128VAC 128VAC	LP-SH LP-SH	LIT-3502 LCP-1513	P1501+	303.1, 303.2 303.1, 303.3	
	P1514 1* P1531 1.5"	2#13 W/#16 GND 3#4 W/#5 GND	128VAČ 488VAČ	LP-SH MCC-EQ	LCP-1514 P-1531		303.1, 303.3 303.1, 303.2	
	P1532 1.5" P1533 1.5"	344 W#3 GND 344 W#3 GND	480VAC 480VAC	MCC-EQ MCC-EQ	P-1802 P-1503		303.1, 303.2 303.1, 303.2	
	P1541 1*	2#12 10/#12 GND	129VAC	LP-SH	Fit-3643	P1501+	303.1, 303.2	
	P1811A 1"	3#12 W/#12 GND	485VAC	LCP-ME-1811	ME-1811		101, 109, 104.5	
	P1832 1	2#12 W#12 GND	129VAC 129VAC	LCP-ME-1011 LCP-ME-1511	P-1612			
	21711 1" 21711A 1"	3#8 W/#10 GND 3#12 W/#12 GND	485VAC 485VAC	DP-5602 ECP-ME-1711	LCP-\$8E-\$711 ME-\$753		\$01, 105	
	P1721 1" P1732 1*	2#12 W/#12 GND 2#12 W/#12 GND	129VAČ 129VAČ	LCP-ME-1711 LCP-ME-1711	SV-1721 P-1732		•••••	
	P1911 1"	3#8 W#10 GND MER CABLE	480VAC 480VAC	MCC-HW1 DS-F-1811	DS-P-1811 P-1811		101, 101.2	
	P1821 1*	3#8 W/#10 GND	483VAC	MCC-HW2	05-P-1821		101, 101.2	
	P1822 1*	2#12 W#12 GND	120VAC	LP-HW1	F:1-1022		101.101.2	
	P1902 1*	3#10 W#12 GND	480VAC 480VAC	DP-#W2	H-1901 H-1902			
	P1903 3* P1904 1*	3#12 W/#12 GND 3#12 W/#12 GND	480VAC 483VAC	DP-#W1 DP-#W2	H-1903 H-1904			<u> </u>
	P2131 3* P2131 3/4"	2#12 W#12 GND 2#12 W#12 GND	120VAC 120VAC	LP-M82 LP-M82	Ai7-2111 FV-2131	P0251+, P2111+ P2131+, P2151+, P2152+	202, 204 203, 205	
	92132 3/4" 92151 3/4"	2#12 W/#12 GND 2#12 W/#12 GND	120VAC 120VAC	LP-M82 i P-M82	Fit-2132 Art-2151	P2131+, P2151+, P2152+ 92151+, P2152+	203, 205	
	P2152 3/4"	2#12 W/#12 GND	120VAC	LP-M82 MCC-M83	AG-2152	P2152+	203, 205	
	P2231 35	2#12 W/#12 GND	120VAC	1P-M82	AtT-2211	P0251+. P2111+	202.204	
	92231 3/4" 92232 3/4"	2#12 W#32 GND	120VAC 120VAC	LP-MB2 LP-MB2	FV-2231 F87-2232	P2231* P2251* 92252+ P2231* P2251* 92252+	203, 205 203, 205	
	92251 3/4" 92252 3/4"	2#12 W/#12 GND 2#12 W/#12 GND	120VAC 120VAC	દP-M82 દP-M82	A:T-2251 A:7-2252	92253+, P2252+ P2252+	203, 205 203, 205	
	92271 1.25" 92311 1*	VFD CABLE 3#8 W/#10 GND 2#12 W/#12 GND	480VAC 120VAC	MCC-M82 1P-M82	LCP-P-2271 AIT-2311	P0253+, P2311+	202, 204 202, 204	Į T
	92331 3/4" 92332 3/4"	2#12 W/#32 GND 2#12 W/#32 GND	120VAC 120VAC	LP-M82 LP-M82	FV-2331 F(7-2332	P2331+ P2351+ P2352+ P2331+ P2351+ P2352+	203, 205	
	92351 3/4" 92351 3/4"	2#12 W/#32 GND	120VAC	EP-M82	A(T-2351 4)T-2352	92351+ 92352+ 07352+	203. 205	
	92371 1.25"	VFD CABLE 3#8 W/#10 GND	480VAC	MCC-M81	£CP-P-2371		202.204	
	92431 3/4" 92431 3/4"	2#12 W#12 GND	320VAC 320VAC	د۲-۸۱۵۲ ٤P-M82	FV-2431	P2431+. P2451+. P2452+	203, 205	
	P2432 3/4" P2451 3/4"	2#12 W/#32 GND 2#12 W/#32 GND	\$20VAC \$20VAC	LP-M82 LP-M82	AtT-2451	P2431*, P2451*, P2452+ P2451+, P2452+	203, 205 203, 205	
	92452 3/4" 92471 1.25"	2#12 W/#12 GND VFD CABLE 3#8 W/#10 GMD	120VAC 480VAC	LP-M82 MCC-M82	AtT-2452 £CP-P-2471	P2452+	203, 205 202, 204	
	92601 2-4° 92631 2-4°	2 SETS OF 3-350MCM W#1 GND 2 SETS OF 3-350MCM W#1 GND	480VAC 480VAC	SWGR-MB SWGR-MB	LCP-ME-2601 LCP-ME-2611			<u></u>
	92621 2-4° 92631 2-4°	2 SETS OF 3-350MCM W#1 GND	480VAC 480VAC	SWGR-MB SWGR-MB	LCP-ME-2621			
	P2651 1 ^h	2#12 W#12 GND	120VAC	EP-M82	FV-2651		000 004 004 +	
	P2761 1.25 P2761A 2*	MFR CABLE	480VAC	LCP-2761	P-2761		202, 204, 204. :	
	92762 1.25 92762A 2*	MFR CABLE	480VAC 480VAC	NICC-AIB2 ECP-2761	P-2762		202, 204, 204 :	
	P2764 1* P3000 1*	2#12 W/#12 GND 2#12 W/#12 GND	120VAC 120VAC	٤P-M82 ٤P-M82	F17-2764 A17-3000		202, 204, 204 1	
	P3001 1* P3001A 1"	3#12 W#12 GND 3#12 W#12 GND	480VAC 480VAC	0P-MB DS-CP-3001	DS-CP-3001 CP-3001			•
	P3004 1*	2#12 W/#+2 GND	\$20VAC	LP-M81	CP-3004. SV-3004 FV-3121, FIT-3122, FV-3151A.			ROUTE POWER THROUGH & 20A. #20VAC DISCONNECT SWITCH
	P3121 1*	10#12 W/5#12 GND	120VAC	دP-M83 MCC-M83	FV-31518, FV-3171 P-3181			
	P3191 5*	6#12 W/3#12 GND	120VAC	LP-M83	FV-3911, FiT-3192, G-3101			
	P3192 \$	6#12 W/3#12 GND	*20VAC *20VAC	LP-M83	AiT-3193, 3393, 3593			
	£93221 **	10#12 W/5#12 GND	120VAC	LP-M83	FV-3221, F1-3222, FV-3251A, FV-32518, FV-3273			
	P3281 1.25" P3291 f"	3#4 W/#8 GND, 2#14 8#12 W/3#12 GND	489VAC 129VAC	MCC-MB2 LP-MB3	P-3281 FV-3911, F7-3292 G-3201			
	P3321 *	10#12 W/5#12 GND	129VAC	LP-MB3	FV-3321, FIT-3322, FV-3351A, FV-33518, FV-3371			· · · · · · · · · · · · · · · · · · ·
	P3381 1.25" P3391 1"	3#4 W/#8 GND, 2#34 8#12 W/3#12 GND	450VAC	MCC-MB1 LP-MB3	P-3381 FV-3911, F37-3392, G-3301			·
	P3421 1"	30#12 W/5#12 GND	120VAC	£P-M83	FV-3421, FIT-3422, FV-3451A, FV-34519, FV-3471			
	P3481 1.25"	3#4 W/#8 GND, 2#14	489VAG	MCC-M82	P-3481			
	02501		500.00		FV-3521, F3T-3522, FV-3551A,			
	P3581 1.25"		480VAC	LF-MS3 MCC-MB1	P-3581			is too of Alio VAr ISTER UP AND CAP
	P3701 1" P3701 2-4"	2 SETS OF 3-4/0 W/#2 GND	120VAC 480VAC	LF-M83 SWGR-MB	EV-3931, Fi7-3582, G-3503 LCP-ME-3701			ISSUE OF AND CAP
	P3711 2-4* P3721 2-4*	2 SETS OF 3-4/0 W/#2 GND 2 SETS OF 3-4/0 W/#2 GND	480VAC 480VAC	SWGR-MB SWGR-MB	LCP-ME-3711 LCP-ME-3721			
	P3731 2-4" P3751 1"	WIRE FUTURE 2#12 W/#12 GND	480VAC 120VAC	SWGR-MB 1.P-M82	LCP-ME-3731 FV-3751			STUR UP AND CAP
	P3011 2" P3021 2"	3#3 W/#8 GND, 2#14 3#3 W/#8 GND, 2#14	480VAC 480VAC	MCC-M81 MCC-M92	P-3811 P-3821			
	P3831 2"	3#3 W/#8 GND, 2#14	483VAC 483VAC	MCC-MB1 MCC-MB2	P-3831 R-3841			
	P3851 2"	WIRE FUTURE	485VAC	MCC-MB1	P-3851 (FUTURE)			STUB OUT AND CAP CONDUIT NEAR FUTURE PUMP LOCATION
	P3891 3"	VED CABLE 3#10 W/#10 GND	480VAC	:/*-W\$2 MCC-M81	LCP-3891			THRU 480VAC CABLE TRAY
	P3891A 1.5" P3892 1*	MER CABLE VED CABLE 3#10 W/#10 GND	480VAC 480VAC	CCP-3891 MCC-MB2	P-3891 LCP-3891			THRU 480VAC CABLE TRAY
	P3892A 1.5" P3893 3/4"	MER CABLE 2#12 W/#12 GND TC	489VAC 129VAC	LCP-3891 LP-M82	P-3892 FET-3893			THRU 120VAC CABLE TRAY
	P3901 3/4" P3902 3/4"	3#12 W/#12 GND TC 3#12 W/#12 GND TC	480VAC 480VAC	MCC-M81 MCC-M82	H-3901 H-3902			THRU 490VAC CABLE TRAY THRU 490VAC CABLE TRAY
	P3903 3/4"	3#12 W/#12 GND TC	480VAC	MCC-NB1 MCC-MB2	H-3903 H-3008			THRU 480VAC CABLE TRAY
	P3905 3/4"	2#12 W/#12 GND TC	120VAC	2004-2002 2.P-M81	H-3905	-		
	P3905 3* P3907 3/4"	2#12 W/#12 GND TC	1204AC 1204AC	្រុក-សានា (.P-M81	H-3905 H-3907			I THRU 120VAC CABLE TRAY
	P3908 3/4" P3909 3/4"	2#12 W/#12 GND TC 2#12 W/#12 GND TC	120VAC 120VAC	₩3907 ₩3907	H-3908 H-3909	C3907+ C3907+		I HRU 120VAC CABLE TRAY THRU 120VAC CABLE TRAY

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NOTES:

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CONDUITS THAT ARE COMBINED BETWEEN PULL POINTS ARE DENOTED WITH A + (PLUS) SYMBOL. SEE THE COMBINED CONDUITS SCHEDULE ON SHEET CE-11. CONDUITS THAT HAVE BEEN COMBINED SHALL BE LABELED WITH MULTIPLE CONDUIT TAGS, ONE FOR EACH CONDUIT THAT HAS BEEN COMBINED.

THE CONDUIT DEVELOPMENT AND SCHEDULE DOES NOT SHOW CONDUIT AND CONDUCTORS FOR LIGHTS, RECEPTACLES AND DATA JACKS. IT ALSO DOESN'T SHOW CONDUIT AND CONDUCTORS FOR THE MBR BUILDING'S HVAC AND APPLIANCES FOR THE OFFICE, BREAK ROOM, CONTROL ROOM, LAB, MECHANICAL ROOM AND RESTROOMS. THE CONTRACTOR IS RESPONSIBLE TO INCLUDE THESE CONDUITS AND CONDUCTORS IN THEIR WORK AND IN THEIR SUBMITTED CONDUIT ROUTING PLAN.

					POWER CONDUIT			
COND #351	HY 512 0 3/4	ZE CONDUCTORS 4" Z#12 W#12 GND TO	SERVICE 12GVAC	FROM LP-MB1	TO H-3915	COMBINED IN	DUCTBANKS	NOTES
2091 2091	1 34 2 34	4" 2#12 W/#12 GND TC 4" 2#12 W/#12 GND	120VAC 120VAC	∺-3910 ≷P-MB1	₩3911 ₩3912	C3915+		THRU 120VAC CABLE TRAY
P391	2 3/4	4" 2#12 W/#12 GND	126VAC	>> 3912 70 44b	743913 Vitaan			
P396		3#12 VI/#12 GND	48GVAC	OP-MB	7+3300/ 3+3981			
P396 2396	5 1 7 1	11 13#10 VV#12 GND 11 3#10 VV#12 GND	486VAC 486VAC	DP-X8 DP-X8	1 +13985 +13987			
2398 2358	1 1 A 1	1 3#10 V//#12 GND 1 3#10 V//#12 GND	486VAC 486VAC	OP-388 DS-3981	DS-ME-3981 ME-3981			THROUGH 488VAC CABLE TRAY
P420	4	* 2#12 W/#12 GND	12GVAC	i户-机82	A37-4634		700 001	
F450 2450	2 <u>3.</u> 4 1	5 (5#13 993 #16 DND 1* (2#13 99/#16 G	120VAC	1P-MB2	ME-4604		203, 205	WIRE TO DEDICATED DUPLEX OUTLET
P500 P503	2 £ 1 3/-	1" 2 #12 W/#12 GND 4" 3#12 W/#12 GND TC	20VAC 480VAC	1.P-4482 OP-MB	CHEM. TANK AREA 1 LIGHTS & OUTLETS		206	THRU J8-5002 THRU 489VAC CABLE TRAY
P5031	A 3/4	4" 3#12 W#12 GND	480VAC	LCP-5031	P-5031			
P506	1 374	* 3#12 W#12 GMD	488VAC	DP-MB	LCP-5061		206	
P5081 P506	A : 3/4 2 3/4	14" 3#12 W/#12 GND 14" 3#12 W/#12 GND	480VAC 488VAC	LCP-5061 LCP-5061	P-5051 P-5052			
P\$/07	2 3	2#12 W/#12 GND TC	120VAC	1P-M82	FN7-5072			THRU 120VAC CABLE TRAY
P512	A 3/4	4" 3#12 W/#12 GND	480V4C	LCP-5123	P-5121			
2513 2523	1 5/* 1 1	14" 3#12 0%#12 GND 1" 2#12 VV/#12 GND TC	480VAG \$20VAC	LOP-5123 LP-3/B2	LA-5231			THRU 120VAC CABLE TRAY
2530 2580	1 3/• 1 3	4" 2#12 W/#12 GND TC 1" 2#12 W/#12 GND	128VAG \$28VAG	LP-MB2 LP-SH	W1T-5301 LIT-5801		301, 302, 302,5	THRU 120VAG CABLE TRAY
P581	1	2#12 W/#12 GND	\$20VAC	LP-SH	£CP-5611/RiO-5511		301, 302, 302,5	
P571	1 1	2#12 W#12 GND	20VAG	LP-SH	LCP-5711/RiO-5711		301, 302, 302.7	
2580 2691	1 1	* 2#12 W/#12 GND * 2#12 W/#12 GND	120VAC 120VAC	LP-SH LP-SH	LIT-5501 £CP-5311/RiO-5811		301, 302, 302.6 301, 302, 302.6	
P695	1 1	1" 2#12 W/#12 GND	120VAC	LF-SH MCC LN (EXISTINC)	LCP-5551/RtO-5851		301, 302, 302.6	
	4 3.4	4" 2#12 W#12 GND	400VAL 120VAC	SCC-UV	ART-6104			
- 2611 - 2611	1 2 4 1.2	2" 4#1 W/#8 GND 25" WIRE FUTURE	480VAC 480VAC	DP-UV1 DP-UV1	FDC-6111 FDC-8114			·····
P811	5 1 1 1	2#12 W/#32 GND 3#12 W/#34 GND	120VAC 480VAC	LP-8 SP-UV1	LOW LEVEL CONTROL BOX 1 HSC-8121	P6115+		
P621	1 2	2" 4#1 W/#8 GND	480VAC	5P-UV2	PDC-8211			
P821 P827	a 1.2 5 1	25 WIRE FUTURE 1° 2#12 W#12 GND	480VAC 120VAC	UP-UV2 LP-D	LOW LEVEL CONTROL BOX 2	P6115+		
11 P622 P622	1 1	" 3#12 W/#14 GND " 2#12 W/#12 GND	486VAC 126VAC	DP-UV2 LP-HW1	HSC-6221 ME-6392	P83J2+	102, 39, 108	WIRE TO DEDICATED DUPLEX OUTLET
P6411 P64114 P641	1 1.	5" 3#3 W/#10 GND	480VAC	MCC-HW1	P-6401 E-6407		102, 39, 108	
5421A DELETED	3 1.	5" 3#3 W/#10 GN2	480VAC	MCC-HW1	P-6403		102, 39, 108	· · · · · · · · · · · · · · · · · · ·
P641	a 3./ 1 1./2	5" 3#8 W/#10 GND 25" 3#6 W/#10 GND	480VAC 480VAC	DP-MW2	CP-6404		102.38,108	
P6411 P6412	A P A P	VFD-CABLE: 9#10 W#12 GND VFD-CABLE: 8#10 W/#12 GND	480VAC 480VAC	CP-6414 (VFD-P-6414) CP-6414 (VFD-P-6452)	P-6411: SV-6433: SV-6414: SV-6415 P-6412	P6411A+ P6411A+	101-105	<u> </u>
	G 5	5" 2#12 W/#32 GND	120VAC	LP-HW1 MCC-HM1	Fi7-6420		102.38,108	
97113	A 2	2 ⁺ MFR CABLE	480VAC	LCP-P-7113	9-711		102.00.100	
P711	2 1. A 2	2" MFR CABLE	400VAG 480VAC	LCP-P-7113	9-7313		102.30,100	
9715 9711	3 3. A 2	5" 3#8 W/#10 GND 2" MFR CABLE	480VAC 480VAC	MCC-HW1 ECP-P-7113	LCP-P-7113 P-7113		102, 38, 108	ļ
9712 9745	2	2#12 W/#32 GND	120VAC	LP-НW1 1 р.нии	FiT-7122 FiT-715	P6302+	102.38,108	
P715 P725	1 2-	4 WIRE FUTURE	*26VAG 480VAG	SWGR-HW	FUTURE VFD-P-7211	P000Z*	102, 36, 186	STUB UP AND CAP
P721 P721	n 4 2 2-	4' WIRE FUTURE	480VAC 480VAC	FUIURE VFD-P-7211 SWGR-HW	FUTURE P-7211 FUTURE VFD-P-7212		103. 103.2	STUE OP AND CAP STUE OP AND CAP
P7212 072*	A 4 3 2-	4" WIRE FUTURE 4" WIRE FUTURE	480VAC 480VAC	FUTURE VFD-P-7212 SWGR-HW	FUTURE P-7212 FUTURE VFD-P-7213		103. 103.2	STUB UP AND CAP
97213	A 4	4" WIRE FUTURE	480VAC	FUTURE VFD-P-7213	FUTURE P-7213		103. 103.2	STUB UP AND CAP
9740 9745	0 1	2#10 W#10 GND	*26VA5 *26VAC	Lə-myı Lə.Hwi	2 L11-7491 LCP-7418		102. 36, 106	
2747 2747	1 1 A 1	: :4#10 W#10 GND : 2#10 W#10 GND	128VAC 128VAC	LS-HWI LCP-7471	<u>دن</u> ب، /4/1, All-7472 P.7471	£96302+	192.38.198	
9751 9810	1 1 2	* 2#12 W#*2 GND 25" VPD CABLE 3#6 W#8 GND	120VAC 480VAC	LP-RW MGC-HWI	LCP-7511 P-8101		103. 103 1	
P810	2 1.2	25" VPD CABLE 3#6 W/#8 GND	480VAC	MCC-HW2	P-8102		103.103.1	
P810 P840	1.2	25 W O GABLE 3#0 W#8 GND 2* 3 2/0 W/#4 GND	480VAC	SWGR-RW	VFD-ME-84G1		103. 103.1 103. 103.1	
-98401 -98401	A 2 8 1	2" 3 2/0 W/#4 GND 1" 3#12 W/#12 GND	480VAC 480VAC	VFD-ME-8401 VFD-ME-8401	ME-8401 ME-8401			<u> </u>
2840 2940	2 2 A 3	2* 3 2/0 W/#4 GND 2* 3 2/0 W/#4 GND	480VAC	SWGR-HW VFD.MF.8402	VFD-ME-8402 ME-8402		103.103.1	
-70902 -28402	8 1	* 3#12 W#12 GND	480VAC	VFD-ME-8402	ME-8402		204 2.00	
	3 2 A 2	2 3 2/0 W/#4 GND 2 3 2/0 W/#4 GND	480VAC 480VAC	SWGR-HW VFD-ME-8403	VFD-ME-8403 ME-8403		103.103.1	<u> </u>
	8 1	* i3#12 W/#12 GND * 2#12 W/#12 GND	480VAC 120VAC	VFD-ME-8403 MPC-SB	ME-8403 FV-8421			
	2	* 2#12 W/#12 GAD	120VAC	MPC-SB	FV-8412			
	3 1	2#12 W#12 GND	120VAC	MPC-SB	FIT-8443			İ
2859 2853	1 : † 1 3	31 3-259 MCM W/#2 GMD	120VAC 480VAC	LP-SH SWBD-SH	FV-8501_Fi7-8502 CP-ME-8511	· · · · · · · · · · · · · · · · · · ·	·· · · · · · · · · · · · · · · · · · ·	
P8511	A 2	2" 3-1/0 W#6 GN0 5" 3#6 W/#10 GND	480VAC 480VAC	CP-ME-85:1 CP-ME-85!1	ME-8511A ME-8511B			·
P851	2 3/	4" 3#12 W/#32 GND	480VAC	CP-A/E-8511	G-8512			
P854 9854	1 3 A 2	> :5-250 xxCM W/#2 GND 2" 3-1/3 W#6 GND	480VAC 480VAC	50080-5H CP-ME-8541	C)**ME-6041 ME-8541A			
P854 P854	8 1. 2 3/-	5" 3#6 W/#10 GNO 4" 3#12 W/#12 GND	480VAC 480VAC	CP-ME-8541 CP-ME-8541	ME-8541B G-8542			
-7857	1 3	3" 3-250 MCM W#2 GND	486VAC	SWED-SH	CP-ME-8571			
P6571	3 1.	5" 3#6 W/#10 GND	480VAC	CP-ME-8571	ME-05/10 ME-05719			
2857 2859	2 3/4	4" 3#12 W/#12 GND 1" 2#12 W/#12 GND	480VAC 120VAC	CP-ME-8571 LP-SH	G-8572 ME-8581			
	2 1	2#12 W/#32 GND	120VAC	LP-SH MCC-SH	ME-8592			
1 298/	1 1	2#12 W/#12 GND	400VAC 128VAC	NCC-3H LP-SH	F-6003 LCP-ME-8611			
P851	2 1	1" 2#12 W/#12 GND 1" 2#12 W/#12 GND	120VAC 120VAC	LP-SH LP-SH	LCP-ME-8612 LCP-ME-8613			
	9 I I	0413 01963 CND	20VAC	LP-SH	38740 00774			
- 760 - 7603 - 7603 - 7803 - 7803 - 7803 - 7803	0 1	5 (284) 2 99/832 (28%) (5 (284) 2 9/832 (28%)	(00.// 0	ID OU				
1995 1995 1995 1997 1997 1997 1997 1997	。	2#12 W#12 GND * 3#12 W#12 GND * 3#12 W#12 GND	120VAC 480VAC	LP-SH MCC-SH	+8751	······		
P865 P865 P865 P874 P874 P874 P874 P875 P875 P875 P875	р () () () () () () () () () ()	2#12 W#12 GND 2#12 W#12 GND 2#12 W#12 GND 2#12 W#12 GND 2#12 W#12 GND	128VAC 488VAC 128VAC 128VAC 128VAC	LP-SH MCC-SH LP-SH LP-SH	+-374 +			
P895 P895 P897 P897 P877 P875 P875 P875 P875	2 1 1 1 1 1 7 1 8 1 9 1	2012 WW12 GND 2012 WW12 GND 3012 WW12 GND 3012 WW12 GND 2012 WW12 GND	120VAC 480VAC 120VAC 200VAC 200VAC	LP-3H MCC-SH LP-9H LP-9H LP-9H LP-9H	7+3 (4) ++8751 ++8751 ++8757 ++8758 ++8758 ++8758 ++8758 +-9770			
1905 1905 1905 1907 1907 1907 1907 1907 1907 1907 1907	2 1 1 1 1 1 7 1 8 4 9 1 0 1 1 1	2012 00012 0002 2012 00012 000 2012 0000 2012 0000 2012 000 2012 000 2012 000 2012 000 2012 000	128VAC 480VAC 128VAC 128VAC 289VAC 289VAC 288VAC 288VAC	LP-SH MCC-SH LP-SH LP-SH LP-SH LP-SH LP-SH LP-SH	743741 1443751 1463757 1463757 1463758 1463769 1463769 1463776 1463776			

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			CHECKEL	MPJ		MPJ	MPJ	MPJ	MPJ
		L	DRAWN	DCL	S	DCL	DCL	DCL	DCL
	USE,	RIGINA	DESIGN	MPJ	VISION	MPJ	MPJ	MPJ	MPJ
	KODUCE, UL, UTAH	0	ATE D	15/18	RE	20/20	11/21	12/21	07/21
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533 W 2600 S, Suite 25 Bountiful, Utah 84010 Phone: (801) 677–0011 www.skmeng.com			ALBERT A.	CIVIL ENGINEERS	3788 McCRAY STREET		A S S O C I A T E S FAX (951) 788-1256	KNGINEKKING CONSULIANIS	
0 1/2 1 DRAWING IS TO SC. IF BAR MEASURES 1" = FULL SCAL	ALE S: E	s (HE	ET	14	5	оғ 0	17	²

NOTES:

CONDUITS THAT ARE COMBINED BETWEEN PULL DENOTED WITH A + (PLUS) SYMBOL. SEE TH CONDUITS SCHEDULE ON SHEET CE-11. CON HAVE BEEN COMBINED SHALL BE LABELED WIT CONDUIT TAGS, ONE FOR EACH CONDUIT THAT COMBINED.

2 THE CONDUIT DEVELOPMENT AND SCHEDULE D CONDUIT AND CONDUCTORS FOR LIGHTS, RECE DATA JACKS. IT ALSO DOESN'T SHOW CONDU CONDUCTORS FOR THE MBR BUILDING'S HYAC FOR THE OFFICE, BREAK ROOM, CONTROL ROO MECHANICAL ROOM AND RESTROOMS. THE CC RESPONSIBLE TO INCLUDE THESE CONDUITS AN IN THEIR WORK AND IN THEIR SUBMITTED CON PLAN.

- C	CONDULT SIZE	CONDUCTORS	SERVICE	FROM	01	COMBINED	DUCTBANKS	NOTES
	C1312 AVA C1313 M/A	4#14 4#14	128VAC 128VAC	ECP-1311 1 CP-1311	JB-P-1312 JB-P-1313	21312+. C1311D+ 21313+ C1311D+		
	C1314 N/A	4#14	120VAC	LCP-1355	3E-P-1314	P1314+. C1311D+		
	C1316 N/A	\$4#14 51004d	129VAČ	LCP-1311	38-P-1315 #V.1391	P1315+, C1311D+ C1321-		
	C1322 1*	10#14	128VAČ	LCP-1371	\$V-1322	C1321+		
	C1343 1*	10#14	123VAC	LCP-1353	FV-1343	C1321+		
<u>^</u> E	C1413A 1.5*	30#12 W/#12 GND	128VAC	CP-ME-1433	LCP-M5-1413		101. 105	
<u>4</u>	C1417 1"	2#12	128VAC	ECP-1471	SV-1417 75-14184 70-14185 70-14004			
C1418,	C1418 1"	B#12	INTRINSICALLY SAFE	GP-1471	ZS-1428B			CONDUIT WAS PREVIOUSLY SP1432
	C1423 1*	10914	128VAC	MCC-HW1	CP-ME-1423		101 505	-
N	C1427 1"	2#12	120VAC	レローのビー 1923 主C学-1473	SV-1427		101, 100	
	C1433 1*	INSRE FUTURE	120VAC	MCC-HW1	FUTURE CP-ME-1433		105 505	STUBLE CONDULT AND CAP
<u> </u>	C1441 3*	12#12 W#12 GND	120VAC	NCC-HW1	LCP-ME-1441		107,105	
<u> </u>	C1441A 1"	6#12 V/#12 GND	128VAC	LCP-ME-1441	SSL-1441_ZS-1441		1.05 505	
C1471	C1451 3" C1451A 1"	8#12 W/#12 GND	120VAC 120VAC	NRCC-HW2 LCP-ME-1451	s 2UP-M±-1451 SSL-1451, ZS-1451		103,305	
ADDED	C1461 1*	WIRE FUTURE	120VAC	MCC-HW2	FUTURE LCP-ME-1461		101, 105	STUB UP CONDUIT AND CAP
}-	C1503 1	2#12,W#12,GND	1 120VAC		1.54-34/1. 1.5H-1503	C1503+	303 1.303.2	<u> </u>
	C1504 1*	2#12 W/#12 GND	INTRINSICALLY SAFE	RiO-SH	LSH-1504	C1503+	303.1, 303.2	
}-	<u>Q1531 (2°</u> C1531A (3°		1 120VAC	<u></u>	<u>1,, LCP-3511</u> , Z8-1511	- <u> </u> ,,,	303.5, 303.3	+
	C1512 1*	3#14	INTRINGICALLY SAFE	£Ç2-1511	Z6-1512			
	C1514 2"	3#14 30#12	INTRINSICALLY SAFE 120VAC	£CP-1511 R:O-SH	Z8-1513 (CP-1514	-	303 1 303 3	
	C1514A 1-	3#14	INTRINSICALLY SAFE	LCP-1534	Z6-1514			
	C1515 1° C1516 1°	13#14 13#14	INTRINSICALLY SAFE	£CP-1514 (CP-1514	ZS-1515 28-1516	1	1	
	C1521 1-	8#14 W#14 GND	120VAC	ECP-1511	FV-1521			
	C1522 11	8#14 W/#14 GMD	120VAC	1CP-1511	FV-1522			
	C1524 1	8#14 W/#14 GND	120VAC	<u>درمین اور در</u> ۲۵۶۶ ۱۹۶۶	FV-323	1		
	C1525 1*	8#14 W/#14 GAD	120VAC	ECP-1514	FV-1522			
	C1531 1*	10#12 W#12 GND	120VAC	RiO-SH	£CP-1581	1	393 1, 303.2	
	C1611 1*	172#12	120VAC	RIO-HW (DD.ME.4611	LCP-ME-3611		101, 104, 104,3	
	C1711 1	32#12	120VAC	RIO-HW	LOL-1003 LCP-ME-1711		101, 105	
	C1731 1"	2#14 W/#14 GAD	120VAC	€C9-ME-1711	LSL-1731	21001	101 101 3	
	C1811 1"	24412 994432 12942 6#12	120VAC	MCC-HW1	LCP-P-1811	: SIDUI*	103, 501,2	
	C1812 1*	6#12	*20VAC	MCC-HW2	LCP.P.18:2		105. 101.2	
	C1901 1*	;∠*14 }2#14	24VAG 24VAC	54 1901 54 1902	к п-1993 Н-1994	-		
	C1903 *	T-STAT CABLE	24VAC	∺1903	T-STAT		[
	01904 1* 02171 1*	1-STA: CAdLE \$0#12 W/#12 GND	24VAC :	54 1904 MCC-M81	LCP-P-2171	C2171+	202.204	
	C2271 1*	10#12 W/#12 GND	120VAC	MCC-MB2	LCP-P-2271	C2171+	202.204	
	C2371 1 1" C2471 1"	;:0#12 W/#12 GND (±0#12 W/#12 GND	\$20VAG \$20VAG	MCC-M81 MCC-M82	<u>ECP-9-2371</u> LCP-9-2471	C23/1+ C2371+	202.204	
	C2752 1 5*	1:6#12 W/#12 GND	120VAG	RO-MB	£CP-2761		202.204.204.1	
	G2752A 2* C2761 5*	part CABLES 50#12	120VAC 120VAC	LCP-2761 MCC-M81	LSL-2/52. LSH-2752, LSHH-2752 LCP-2761		202.204.204.1	
	C2762 1*	10#12	120VAG	MCC-M82	LCP-2761		202.204.204.1	
	C3001 1*	15#14 14#14	120VAC 24VDC	R:O-MB R:O-MB	CP-3091 PSt-3007	-		
					L8H-3112, E6L-3112, FV-3151A,		[
	G3112 1.25" C3181 1"	26#14 W/4#14 GND	120VAC 120VAC	R:O-MB MCC-M8:	± +V-3151B. FV-3171 £CP-3181			
	C3181A 1*	3#14 W#14 GND	24VDC	LCP-3161	PSH-3181A			
	C3181B 1 1* C3191 1*	3#14 W#14 GND 6#14	24VDC 120VAC	LCP-318: R:O-MB	PSH-31818 FV-3191	<u>.</u>		
	C3192 1*	\$10#12	120VAC	R:O-MB	SV-3192.3292.3392.3492.3592			
	03212 1.95"	28#14 W/4#14 GMD	120VAC	R:O-MB	LSH-32+2, ESL-32+2, FV-3251A, FV-3251B, FV-3271			
	C3281 1.25	\$0#14 W/#14 GND	120VAC	MCC-MB1	LCP-3281			
	C3281A 1° C3281B 5°	3#14 W/#14 GMD	1 24VDC	£C7-3281 2 C2-3281	PSH-3251A		1	
	C3291 5*	5#14	129VAC	RIO-MB	FV-3291	:		
Γ	C1312 1 7F"	28#14 \\//4#14 GND	1270100	D/0.149	LSH-3312 LSL-3312 FV-3351A			
	C3381 1"	10#14 W#14 GND	120VAG	MCC-MB1	LCF-3381			
	C3381A 1"	3#14 W/#14 GND	24VDC	LCP-3351	PSH-3381A]	
	C3391 1"	5#14	120VAG	RO-MB	F0F-33915			
	C1412 1 25"	TRHIA WANTA CAS	100400	Dia M9	LSH-3412, LSL-3412, FV-3451A,		1	
	C3481 1.20"	10#14 W/#14 GND	120VAG	MCC-MB1	- τν-34010, r.V-3431 ξCP-3481	· [ļ	
	C3481A 1"	3#14 W/#14 GND	24VDC	LCP-3461	PSH-3481A		ļ	
	C3491 1"	19#14 99#24 USAD 8#14	1 120VAC	درب- ۱۹۹۵ Rio-MB	1 당하는 546기당 FV-3491		1 1	
			400.000		L3H3512, 15L-3512, FV-3551A.			
	C3581 1.25"		129VAC 129VAC	NCC-MB1	5V-30518, FV-3571 £CP-3581		; {	STUB UP AND CAP
	C3581A 1"	WIRE FUTURE	24VDC	LCP-3581	PSH-3581A		[STUE UP AND CAP
	C3591 1"	EVVIXE FUTURE	24VDC 125VAC	LCF-3581 R:O-MB	PSH-35819 FV-3591			ISTUR UP AND CAP STUR UP AND CAP
	C3802 1*	MFR CABLES	24VDC	έ,C≓-2811	£.SH-3892, £.SL-3892			
	C3811 1" C3812 1.25"	38#14 W/#14 GND	24VDC 129VAC	RO-MB MCC-MB1	LCP-3811 ECP-3814			
		1			SV-3812, 3822, 3832, 3842, 3852			
	C3812A 1" C3822 1.25"	20#14 W/5#14 GND	120VAC	LCP-3811 MCC-M82	FSL-3815, 3825, 3835, 3845, 3855			
	C3882 3/4*	MFR CABLE	120VAC	LCP-3891	LSL-3882			
	C3891 11	2 14#14 W/#14 GND TC	129VAC	MCC-MB1, MCC-MB2	1,CF-3891			THRU 120VAC CABLE TRAY
	C3907 3/4*	2#12 TC	129VAC	RO-MB	H-3906 H-3997	··	1	
	C3910 3/4"	2#12 TC	120VAC	R:Q-MB	H-3910			
	C3914 1*	T-STAT CABLE	120VAC 24VAC	H:0-MB H:3960	H-3912 H-3914		1	
	C3915 1"	T-STAT CABLE	24VAC	H-3961	H-3915			
	C3966 1° C3967 5*	ु?म14 }2#14	24VAC 24VAC	유 3960 유 3961	H-3966 H-3967			
	C4002 11	6#14 W#14 GND	120VAC	PLC-RO	LCP-4001		<u> </u>	

NOTES:

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533 W 2600 S, Suite 25 Bountiful, Utah 84010 Phone: (801) 677–0011 www.skmeng.com	A L B E R T A. CIVIL ENGINEERS STREET STREET A S S O C I A T E S FN. (951) 788–1256 ENGINEERING CONSULTANTS
0 1/2 1 DRAWING IS TO SCALE IF BAR MEASURES: 1" = FULL SCALE 1/2" = HALF SCALE	SHEET 147 OF 172

CONDUITS THAT ARE COMBINED BETWEEN PULL POINTS ARE DENOTED WITH A + (PLUS) SYMBOL. SEE THE COMBINED CONDUITS SCHEDULE ON SHEET CE-11. CONDUITS THAT HAVE BEEN COMBINED SHALL BE LABELED WITH MULTIPLE CONDUIT TAGS, ONE FOR EACH CONDUIT THAT HAS BEEN COMBINED.

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- COMBINED.

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MASMITTED IN CONFIDENCE NETHER RECEIPT NOR POSSESSION CONFERS O	IN FOR ANT PURPOSE WITHOUT THE WRITTEN PERMISSION OF SMM ENGINEER	CITY OF BEAUMONT	SALT MITIGATION WWTP UPG	ELECTRICAL - CONDUITS AND DUC	CONDUIT SCHEDULE 6
THIS DRAWING IS PROPERTY OF SKM ENGINEERING AND IS T	UR DISULUSE, IN WHULE UR IN PART, DATA CUNTAINED HERE		AUCA ()	ENGINEERING	533 W 2600 S, SUITE 275, BOUNTIFUL, UT 84010 PHONE (801) 299-1327 FAX (801) 299-0153
533 W 2600 S, Suite 25 Bountiful, Utah 84010 Phone: (801) 677–0011 www.skmeng.com		ALBERT A.	CIVIL ENGINEERS	A S O C I A T E S Fax (951) 788-1256	ENGINEERING CONSULTANTS
0 1/2 1 DRAWING IS TO SCAL IF BAR MEASURES: 1" = FULL SCALE 1/2" = HALF SCALE	E	^{SHE}	ет 14 ;Е	-O	⁻ 172

(1) CONDUITS THAT ARE COMBINED BETWEEN PULL POINTS ARE DENOTED WITH A + (PLUS) SYMBOL. SEE THE COMBINED CONDUITS SCHEDULE ON SHEET CE-11. CONDUITS THAT HAVE BEEN COMBINED SHALL BE LABELED WITH MULTIPLE CONDUIT TAGS, ONE FOR EACH CONDUIT THAT HAS BEEN

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	SIGNAL CONDUIT												
	CONDUIT	5£2E	CONDUCTORS	SERVICE	FROM	τo	COMBINED	DUCTBANKS	NOTES				
	\$5501	1"	1 TSP	SIGNAL	PLC-OC	LI)'-5601		301, 302, 302,5					
	\$5701	1"	11 TSP	SIGNAL	PLC-OC	LIT-5701		301, 302, 302.7					
	361044	1	1:13P (1 YQD	SIGNAL	Século	LI1-3001 AIT-8104		301, 302, 302,5					
	\$61549	3/4"	MPR CABLE	SIGNAL	AIT-6104	AE-6104							
	S6115A	3/4"	1 'TSP	SIGNAL	PDC-6111	LOW LEVEL CONTROL BOX 1							
	\$61169	3:4"	11 TSP	SIGNAL	LOW LEVEL CONTROL BOX 1	L\$L-6115							
\sim	36215A	3/4*	1 TSP	SIGNAL	PDC-6211	LOW LEVEL CONTROL BOX 2							
	\$6302	3/4	11 Tar ::	SIGNAL	BIO-MM	M6-6302	96302+	102 38 108					
	\$644C	4!!	12-158	SIGNAL	GP-6411	PHT-6410, PHT-6412	\$1744+	101-105					
					CP-6411 (VPD-P-6411-VPD-P-6412,-								
(DELETED)	\$6414	4.25	6-75P	8KGNAL	(VFD-P-6413 FLATLRE))	RIO-HW							
	56412			SIGNAL	RIO-MW	PIT-6412	55302+	102.38,108					
	S7101		11 TSP 4#12 W/#12 GND	SIGNAL	RIO-HW	LCP-7101	S6302+	102 38 108					
	S7191A	1"	MFR CABLE	SIGNAL	LCP-7101	LT-7101			17				
	\$7102	1	MFR CABLES	ŞIĞNAL	LCP-7101	LSH-7102, LSL-7102							
	57122	11	2 PAIR TWSH	SIGNAL	RIQ-HW	FIT-7122	\$6302+	102, 38, 108					
	S/122A	7	MER CABLE	SIGNAL SIGNAL	FIT-7122	FE-7122	C7121+	102 102 1					
	S7141	····	TSP	SIGNAL	RIQ-HW	LIT-7141	S7131+	103 103 1					
	87151	ş	2 PAIR TWSH	SIGNAI,	RIO-HW	FIT-7151	\$6302+	102, 38, 108	-				
	S7153A	3	MFR CABLE	SIGNAI,	FIT-7151 :	FE-7151							
	57201	1	WIRE FUTURE	SIGNAI,	RIQ-HW	FUTURE RWD PUMPS		103, 103 2					
	57222	4" 9"	WISE FUTURE	SIGNAL SIGNAL	RIQ-HW	ELITURE RIMD PUMPS		103 103 2					
	\$7401	3"	1759	SIGNAL	RIQ-HW	LIT-7401	\$7401+	102, 38, 108	•				
	\$7410	2"	4 PAIR TW/SH, 15C#15	SIGNAI,	RIQ-HW	LCP-7410	\$7401+	102, 38, 108					
	\$7472	3	11 TSP. 2#12	SIGNAI,	RIO-HW	LCP-7471. I,IT-7472	S6302+	102, 38, 108					
	\$7501	1"	11 TSP	SIGNAL	RIQ-HW	I,IT-7501	\$7401+	102.38.108					
	58101	3/47	4 PAIR (YESH, ISCHI)	SIGNAL	LCP.8101	TE-8101	\$14 0 1*	194, 20, 190					
	\$8102	3/41	11 TSP	SIGNAL	LCP-\$101	TE-8102							
	\$8103	3/4*	1 TSP	SIGNAL	LCP-8101	TE-8103							
	\$8202	47	11 TSP	SIGNAL	RIO-HW	LIT-8202	S7131+, S8202+	103, 103,1					
	58302	नः नग	11 ISP SHI4 1 TSP 1 CATE SHIELDED	SIGNAL SIGNAL	KIQ-HIV	LT1-83U2 ME-8401	\$7131•, \$8302•	193, 193.1					
	\$8402		2#14 1 TSP, 1 CAT6 SHIELDED	SIGNAL	VFD-ME-8402	ME-8402							
	58403	₹ "	2#14, 1 TSP, 1 CATS SHIELDED	SIGNAL	VFD-ME-6403	ME-8403							
	\$8433	45	2 PAIR TW/SH	SIGNAI,	R:O-HW	FIT-8433	\$7131+	103_103.1					
	\$5433A	3 e -		SIGNAL SIGNAL	FII-8433	Ft-8433	071941	101 102 1					
	58443A		MFR CABLE	SIGNAL	FIT-8443	FE-8443	QT 1 QT 1	190, 190.1					
	S8501	4-	1 TSP. 2 PAIR TW/SH	SIGNAI,	RIQ-SH	FV-8501, FIT-8502							
	\$8511	2"	6 TSP	SIGNAI,	CP-ME-6511	LCP-ME-8511							
	58513A	<u> </u>		SIGNAL	RIO-SH	CCP-ME-6911							
	585118	47	4 TSP, 2-2 PAIR TW/SH	SIGNAL	LCP-ME-8511	TT-8511B, VT-8511A, VT-8511B							
	58531	1"	1 TSP. 2 PAIR TW/SH SIGNAL	SIGNAL	RIO.SM	FV-8531. FV-8532							
	58541	2"	6 76P	SIGNAL	CP-ME-6541	LCP-ME-8541							
	58541A	3"	WIRE FUTURE	SIGNAL	RIO-SH	LCP-ME-8541 SE-84410 SE-84410 YV-944410							
	565413	-9 ¹⁴	4 75P. 2-2 PAIR TWISH	SIGNAL	LCP-ME-8541	TT-85418, VT-8541A, VT-8541A							
	\$8571	Z*	18 159	SIGNAL	CP-ME-85/1	LCP-ME-8571			-				
	88571A	ęħ.	WINE FUTURE	SIGNAL	RIO-SH	LCP-ME-8571							
	58601A	** **	11 75P	SIGNAL	RIO-SH	LI-3601			-				
	58631		1: 18P	SIGNAL	LCP.ME.4511	LT1×6001							
	58812	ş*	12 152	SIGNAL	LCP-ME-8541	LCP-ME-8612							
	58613	t,	WARE FUTURE	SIGNAL	LCP-ME-85/1	LCP-ME-8613			STUB UP AND GAP				
	\$9821	** **	11 TSP ::	SIGNAL	RIO-SH	W11-9621		303. 303.z					
	59621A		MRR GABLE	SIGNAL	WI1-9621	WE-9621A 108-94240							
	\$30074		2#14 W/#14 GND TC, 2 PAIR TWISH TO	SIGNAL	PLC/RO	F[]-30074		-+	TYRU SIGNAL CABLE TRAY				
	\$30094	ę.	Z-TSP CAT 6 SH. TC	SIGNAL	PLC·RO	AIT-30094, AIT-30095			THRU SIGNAL CABLE TRAY				
	\$40045	3/4"	1 TSP TC	SIGNAL	PLC-RÓ	PT-40045			THRU SIGNAL CABLE TRAY				
	S47255	1"	13 TSP TC	SIGNAL	PLC-RÓ	JB-0470			IPRU SIGNAL CABLE TRAY				
	547255	4" **	11 13 7 11 TSP	SIGNAL		11-4/258							
	\$85001	3:4"	1 TSP	SIGNAL	PLC-RO	LI'f-85001	\$5002+						
	S85100	2*	4 PAIR TWISH TC, 12C#14 TC	SIGNAL	PLC-RÓ	JB-85100			THRU SIGNAL CABLE TRAY				
	\$85360	2"	14 PAIR YWISH TC. 12C#14 TC	SIGNAL	PLC-RO	JB-85300	AP/		THRU SIGNAL CABLE TRAY				
	S85501	3/4"	A PAR TANSATO 120414 TO	SIGNAL	PLG-RO PLD-BO	LIT-85501 (£ aséno	S5002+		THELISCONAL CARLE TRAV				
	\$85900	2"	4 PAIR TWSHTC. 12C#14 TC	SIGNAL	PLC-RO	JE-85900			THRU SIGNAL CABLE TRAY				

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533 W 2600 S, Suite 25 Bountiful, Utah 8401 0 Phone: (801) 677–0011 www.skmeng.com	A L B E R T A. CTVIL ENGINEERS TOTL ENGINEERS TOTL ENGINEERS TOTL ENGINEERS A S O C I A T E S ENGINEERING CONSULTANTS ENGINEERING CONSULTANTS
0 1/2 1 DRAWING IS TO SCALE IF BAR MEASURES: 1" = FULL SCALE 1/2" = HALF SCALE	SHEET 150 OF 172

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						COMMUNICATIONS CONDUIT		
	CONDUIT	SIZE	CONDUCTORS	SERVICE	FROM	ŤŎ	COMBINED DUCTBANK:	NOTES
	FU103	1	2 SHELDED CA18	COMMS	SWGR-HW MCC-MM1	CTC-MW		
	F0103	1	2 SHELDED CATE	COMMS	MCC-MW2	CTC-HW		
	P0104	1 1	2 SHIELDED CAYS	COMMŚ	RIO-HW	CTC-HW	· · · · · · · · · · · · · · · · · · ·	
	80105	2*	24-STRAND FIBER SM OSP	COMMS	CTC-HW	CTC-CB	102, 38	REUSE EXISTING CONDUITS PAST 18438
	F0106	<u> </u>	24-STRAND FIBER SM OSP	COMMS	CTC-HW	CTC-M8	103. 103.1, 10	7
	F0260	-	2 SHEELDED CATE	COMMS	MCC-MB1	CTC-MB		
	¥0262	1	2 SHRELDED CAYS	COMMS :	MCC-MB2	CTC-M8		
	F0203	1	2 SHIELDED CA''8	COMMS	RIO-MB	CTC-M8		
	*0264	1.	2 SHIELDED CA'8	COMMS	PLC-RO	CTC-M8		
	10205	- <u>2</u>	2 SHELDED CASE	COMMS :	CTC-MB		203. 205. 205	1
	F0300	4*	24-STRAND FIBER SM OSP	COMMS	CIC-MB	RIO-SH	202, 202.1	
	P0361	1	2 SHIELDED CAYS	CÓMMŚ :	RIÓ-SM	MCC-SH		
	£0302	1 ^h	SHIELDED CAYB	CÓMMŚ	RIO-SH	PLC-OC		
	F0303	1	ISMELDED CATS	COMMS	PLC-OC	MCC-SH		
	\$1101	+	MODRUS PARLS	COMINS	EXISTING C-11D1	EXISTING TELEPHONE FEDESTAL	203. 203, 205	PEUSE EXISTING CONDULT & WIRE
	P1101A		MODBUS CABLE	COMMS	EXISTING G-11D1	EXISTING G-1102		REUSE EXISTING CONDUIT & WIRE
	\$1162	1	MODBUS CABLE	COMMS	EXISTING G-1102	EXISTING LCP-1161		REUSE EXISTING CONDULT & WIRE
	£1111	<u>t</u> <u>t</u>	MODBUS CABLE	COMMS	EXISTING G-1111	EXISTING LCP-1161		REUSE EXISTING CONDULT & WIRE
	R1112	1.	SHARE FUILKE	COMMS		FUTURE CP-ME-1112 βχιςτίνας οθυνει 1110	· · · · · · · · · · · · · · · · · · ·	ERINGE EXISTING CONDULT EROM OF ME 1113 TO JOS 1141
	F1112		MODBUS CABLE	COMMS	EXISTING G-1112	EXISTING LCP-1161		REUSE EXISTING CONDUIT & WIRE
	\$3122	1	SHIELDED CA'TB	COMMS	C'ÍC-HW	CP-ME-1122		
	#1151	1. 1.	2 MODBUS CABLES	COMMŚ	EXISTING G-1151	EXISTING LCP-1161		REUSE EXISTING CONDULT & WIRE
	F115tA		MODBUS CABLE	COMMS	EXISTING G-1151	EXISTING G-1152		REUSE EXISTING CONDUIT & WIRE
	21102		17-STRANT SPIRED SMADSP	COMINS	EAISTING G-1152	EXISTING LCP-1151	101 104 104	
	\$1172	1	WIRE FUTURE	COMMS	C'IC-HW	FUTURE CP-ME-1172		
	F3172A	4 ⁵	SHIELDED CATE	CÓMMŚ	EXISTING LCP-1161	EXISTING CP-ME-1172		REUSE EXISTING CONDULT & WIRE
	F1182	1	ISHELDED CATE	COMMS	CTC-HW	CP-ME-1182		
	F1231	1	SMELDED CATE	COMMS	CTC-HW	CP-1231		
\sim	F1423	+ +	ISHIELDED CA'IS	COMMS	CTC-HW	CP-ME-1413 CP-ME-1423		
{ F1471 }	F1433	1"	WIRE FUTURE	COMMS	CTC-HW	FUTURE CP-ME-1433		
ADDED	F1471	3,'4"	SHELDED CATE	COMMS	CTC-HW	CP-1471		
<u></u>	#211	<u></u>	ICAT5 SH	COMMS	CI'C-MB		F0203+. S2111+	
	\$2315	+ +	ICAID ON	CONNIS	CTC-MB CTC-MR		FU203+. 52152+ #D203+ S2111+	
	F2351	1	ICATE SH	COMMS	CIC-MB	JB-2331	F0203+, S2352+	
	¥2603	<u>†</u> *	SHIELDED CA'TS	COMMS	CTC-MB	LCP-ME-2601		
	82613	1	SHIELDED CA'TB	COMMS	CÌĊ-MB	LCP-ME-2611		
	F2621	ļ. <u>1</u> .	ISMELDED CATE	COMMS	CTC-MB	LCP-ME-2621		
	#3765		SHELDED CAYE	COMMS	CTC-MB	I CP-MP-2031		
	#3711	† †*	SHIELDED CATE	COMMS	CTC-MB	LCP-ME-3711		
	#3721	1.	SHIELDED CATE	COMMS	CI'C-MB	LCP-ME-3721		
	#3731	1	WIRE FUTURE	COMMS	CTC-MB	LCP-ME-3731	<u>.</u>	
	P61124	2	12-STRAND SHIBER SM USP 1981 DEN 5842 RS-485 CARLE	COMMS	ETC-MW POC-8111	500-0V MSC-6121	102.1	PEOSE 23/5 HING CONDUCTIVEOM MYTA TO SCC-OV
	F6114	1	WIRE FUTURE	COMMS	PDC-6114	PDC-6111	P6111+. P6211A+	
	F6121	1^	BELDEN 9842 RS-485 CABLE	COMMŚ	jB-UV2	MSC-6121	F6121+. F6211A+	
	F6211	1	BELDEN 9842 RS-485 CABLE	COMMS	PDC-6211	HSC-6221	F6211+, F6221+, F6211A+	
	F6214	1"	WIRE FUTURE	COMMS	PDC-6214	PDC-6211	P6211+, P6211A+	
	#7211		WIRE FUTLRE	COMMS		FBC-6221	FOZZIT. FOZIIAT	
	87212	1 1"	WIRE FUTURE	COMMS	CTC-HW	FUTURE VFD-P-7212		
	۴7213	1 11	WIRE FUTURE	COMMS	CTC-HW	FUTURE VFD-P-7213		
	#7410	2*	6-STRAND FIBER SM OSP	COMMS	CTC-HW	HH-108. AIT-7472	102, 38, 108	
	*84G1 \$\$402	1	SHELDED CA15	COMMS	CTC-HW	ME-8401	F8401+ 103, 103, 1 63401+ 103, 103, 1	
	F8403	1	SHIELDED CAYB	COMMS	CTC-HW	ME-8403	F8401+ 103, 103,1	
	F8511	t.	2 SHIELDED CATE	COMMS	CP-ME-8511	LCP-ME-8511		
	F8511A	1	STEELDED CATE	COMMŚ	RIO-SH	LCP-ME-8511		
	F8541	1	2 SHIELDED CATE	COMMS	CP-ME-8541	LCP-ME-8541		
	PB041A \$2847s	1	DATELUED CATE	COMMS	KID-SM CP-M#-2471	LCP-ME-8541		STURUP AND CAP
	F8571A	1 1	WIRE FUTURE	COMMS	RIO-SM	LCP-ME-8571		STUB UP AND CAP
	F40001-1	3/4"	SHIELDED CATE TO	COMMS	PLC-RÓ	RIO-RO1		THRU SIGNAL CABLE TRAY
	F40001-2	3/4"	SHIELDED CATE TC	COMMS	PLC-RO	RIO-RO2		THRU SIGNAL CABLE TRAY
	F40001-3	3/4"	ISHELDED CATE TO	COMMS	PLC-RO	RIO-ROS		THRU SIGNAL CABLE TRAY
	F43001-4	3/4	ISHIELDED CATE (C	LÓMMS	PLC-RO PLC-RO	RIU-RU6 RIO-RO5	· · ·	THRU SIGNAL CABLE TRA7
							K	

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533 W 2600 S, Suite 25 Bountiful, Utah 84010 Phone: (801) 677-0011 www.skmeng.com			ALBERT A.	CIVIL ENGINEERS	3788 McCRAY STREET	· · · · · · · · · · · · · · · · · · ·	A S S O C I A T E S FAX (951) 788-1256	ENGINEERING CONSULTANTS	
0 1/2 1 DRAWING IS TO SCAL IF BAR MEASURES: 1" = FULL SCALE 1/2" = HALF SCALE	E.	s (ET	15	1	ог 0	17 C	2)

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(1) CONDUITS THAT ARE COMBINED BETWEEN PULL POINTS ARE DENOTED WITH A + (PLUS) SYMBOL SEE THE COMBINED CONDUITS SCHEDULE ON SHEET CE-11. CONDUITS THAT HAVE BEEN COMBINED SHALL BE LABELED WITH MULTIPLE CONDUIT TAGS, ONE FOR EACH CONDUIT THAT HAS BEEN

(2) THE CONDUIT DEVELOPMENT AND SCHEDULE DOES NOT SHOW CONDUIT AND CONDUCTORS FOR LIGHTS, RECEPTACLES AND DATA JACKS. IT ALSO AND CONDUCTORS FOR LIGHTS, RECEPTACLES AND DATA JACKS. IT ALS DOESN'T SHOW CONDUIT AND CONDUCTORS FOR THE MBR BUILDING'S HVAC AND APPLIANCES FOR THE OFFICE, BREAK ROOM, CONTROL ROOM, LAB, MECHANICAL ROOM AND RESTROOMS. THE CONTRACTOR IS RESPONSIBLE TO INCLUDE THESE CONDUITS AND CONDUCTORS IN THEIR WORK AND IN THEIR SUBMITTED CONDUIT ROUTING PLAN.



NOTES:

- CONDUITS THAT ARE COMBINED BETWEEN PULL POINTS ARE DENOTED WITH A + (PLUS) SYMBOL. SEE THE COMBINED CONDUITS SCHEDULE ON SHEET CE-11. CONDUITS THAT HAVE BEEN COMBINED SHALL BE LABELED WITH MULTIPLE CONDUIT TAGS, ONE FOR EACH CONDUIT THAT HAS BEEN COMBINED.
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DRAWING IS TO SCALE Phone: (801) 677–0011 DRAWING IS TO SCALE I, a Harb Scale 1, a = Harb Scale Draw Comparison Draw Measures: 1, a = Harb Scale	THEET 123 OF 172 SHEET 123 OF 172 SHEET 123 OF 172 SHEET 153 OF 172 SHEET 153 OF 172	




LABOR NAME CLASS ST OT DT SHIFT_	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Preseno, CA 93744 Project Name SAIT MitigAtion Upg RAde Project Project No. SS 1173 Phase Code 9901003400 Date 10-08-2020 Phase Code 9901003400 DESCRIPTION OF WORK Date 10-08-2020 Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name <u>Selt MitigAtion</u> Upgrade Project No. <u>SSHF3</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheeks</u> : <u>LABOR</u> NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion Upgaade Project No. SS 1973 Phase Code 990100340 Description of Work Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Martial Banne pa FM S 1/2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>SALT MitigATION</u> UpgRAde Roject Project No. <u>SS / 1773</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneeks:</u> LABOR NAME CLASS ST OT DT SHIFT Mantial Banne na FM S V2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneeks: LABOR NAME CLASS ST OT DT SHUFT Mantial Banne na FM S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upghade Phogecy Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mantial Banne na FM S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitigation Upgrade Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Screeks: LABOR NAME CLASS ST OT DT SHUT Mantley Banne pa FM S V2
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2 denyico M. dd CAMpo LAG S 1/2	W.M. Lyles Co. PO Box 4377 Pro Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Presno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Date 10-08-2020 DESCRIPTION OF WORK Relocate Somson At Fine Scheens: IABOR IABOR MANTE CLASS ST OT DT SHIPT MANTIN BANNENA Y2	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name <u>Salt Mirication</u> <u>Upgrade</u> <u>Project</u> No. <u>SS HF23</u> Project Name <u>Salt Mirication</u> <u>Upgrade</u> <u>Project</u> No. <u>SS HF23</u> Description of WORK <u>Relocate</u> <u>Sonson</u> <u>At</u> <u>Fine</u> <u>Screens</u> : <u>ILABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHDFT</u> <u>Mant IN</u> <u>Banne nA</u> <u>FM</u> <u>S</u> <u>V2</u>	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SAIT MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screents: LABOR NAME CLASS ST OT DT SHOT MANTIN BANNENA FM S 12 HANTIN BANNENA FM S 12 LABO S 12	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigATION UpgRAde Project Project No. SSH73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT MANTIN DANNENA FM S V2 ederyico M. del Campo LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MitigATION UPJAADE Project Project No. SS 1973 Phase Code 990100340 Description of WORK Relocate Somson At Fine Scheens: LABOR LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 identico TI. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Selt MitigATION Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT MARTIN BARRERA FM S 1/2 edentico M. dd Campo L40 S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT Y itigATION Upg RADE PROJECT Project No. SS 1773 Phase Code 990100340 Description of WORK Relocate Somson At Fine Scheeks: LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 12 MANTIN BANNENA FM S 12 LABO Y2
LABOR NAME CLASS ST OT DT SHUFT IANTIN BANNENA FM S V2 Servico M. dd CAMPO LAG S V2	W.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name <u>Salt Mirigation Upgrade Project No.</u> <u>SSH73</u> Phase Code 990100340 DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheeks:</u> <u>IABOR</u> <u>Hant IN BANNE RA FM S V2</u> <u>Hant IN BANNE LAGO S V2</u>	N.M. Lyles Co. 20 Box 4377 Preseno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S 1/2 edervice M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion UpgRAde Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant M BANNE NA FM S 1/2 decnico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Preseno, CA 93744 Project Name Salt MirigAtion UpgAAde Project Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR MAME CLASS ST OT DT SHOT MANT IN BANNE NA FM S V2 edenico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MITIGATION UPGRADE PROJECT Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABO S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Tegener Through Deformance Through Deformance Tegener Tegener Through Deformance Tegener Through Deformance Tegener Through Deformance Tegener Teg	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitigation Upgrade Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Screens: LABOR NAME CLASS ST OT DT SHIFT Mant 1 M Banne nA FM S 1/2 Mant 1 M Banne nA FM S 1/2
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S V2 dervico M. dd CAMPO LAG S V2	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name <u>SALT MirigATION UpgAADE Project</u> No. <u>SS 1723</u> Phase Code 9901003400 DESCRIPTION OF WORK <u>Relocate Somson AT Fine Scneens</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIPT</u> <u>HANTIN DANNE NAME FM S 122</u> <u>HANTIN DANNE A FM S 122</u> <u>HANTIN DANNE A FM S 122</u> <u>HANTIN DANNE LAGO</u> <u>V2</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIPT</u> <u>HANTIN DANNE LAGO</u> <u>S 122</u> <u>HANTIN DANNE CLASS ST OT DT SHIPT</u> <u>HANTIN DANNE LAGO</u> <u>S 122</u> <u>HANTIN DANNE</u> <u>HANTIN DANNE</u> <u>HINTIN DANNE</u>	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt Mitigation Upg nade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S V2 Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheerts: LABOR NAME CLASS ST OT DT SHOFT Mantin BannenA FM S 12 Labor V2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt Mitigation Upgaade Progect Project No. Project Name Salt Mitigation Upgaade Progect Project No. Project Name Salt Mitigation Upgaade Progect Project No. Project Name Salt Mitigation Upgaade Progect Project No. DESCRIPTION OF WORK Relocate Somson At Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S 1/2 Edenico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Project Name SAIT MirigATION Upg AADE PROJECT Project No. SS 1973 Project Name SAIT MirigATION Upg AADE PROJECT Project No. SS 1973 Phase Code 990100340 Description of WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 description LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Selt MitigAtion Upgrade Project Project No. SS 1973 Phase Code 990 (00340) DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHOFT Mant 1 M BANNE NA FM S V2 LABO Y2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progret Through Performance Project Name Salt Mitrigation Upg ande Paogeer Project No. <u>S 5 H7 3</u> Phase Code 9901003400 DESCRIPTION OF WORK <u>Relocate Sonson At Fine Screeks</u> : <u>LABOR</u> <u>NAME</u> <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>Hant IN</u> <u>BannenA</u> <u>FM</u> <u>S</u> <u>V2</u> <u>LABOR</u> <u>NAME</u> <u>LABOR</u> <u>NAME</u> <u>LABOR</u> <u>NAME</u> <u>LABOR</u> <u>NAME</u> <u>LABOR</u> <u>NAME</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u>
LABOR V2 LABOR <th>W.M. Lyles Co. YO Box 4377 Presno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name Salt Mitigation Upgnade Project Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheenste Description of WORK Relocate Sonson At Fine Scheenste DT SHIFT MAME CLASS ST OT DT SHIFT MANTERIA BARNE NA FM S V2 LABOR V2 LABOR V2 Edentico M. dd Campo Labo S Y2 EQUIPMENT EQUIPMENT</th> <th>W.M. Lyles Co. O Box 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progress Through Performance Project Name Salt Mitigation Upg RADE Project No. SS 117-3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 edenvico M. dl Campo Lab S V2 EQUIPMENT EQUIPMENT</th> <th>W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MitigAtion Upg Aade Project Project No. SS 1773 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: </th> <th>W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MirigAtion Upg made Photoecr Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 edenico M. dd Campo Labo S V2 EQUIPMENT EQUIPMENT</th> <th>W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion UpgAAde Property Project No. S5 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHOFT MANT IN BANNE NA FH S V2 LABOR MAME CLASS ST OT DT SHOFT MANT IN BANNE NA FH S V2 EQUIPMENT EQUIPMENT</th> <th>W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT YITIGATION UPG MADE Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson AT Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 LABOR Project Name NA FM S Y2 LABOR Project NA FM S SHIFT</th> <th>W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name SALT MitigAtion Upghade Programme Project Name SALT MitigAtion Upghade Programme Description of Work Relocate Sonson At Fine Scheens LABOR /th>	W.M. Lyles Co. YO Box 4377 Presno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name Salt Mitigation Upgnade Project Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheenste Description of WORK Relocate Sonson At Fine Scheenste DT SHIFT MAME CLASS ST OT DT SHIFT MANTERIA BARNE NA FM S V2 LABOR V2 LABOR V2 Edentico M. dd Campo Labo S Y2 EQUIPMENT EQUIPMENT	W.M. Lyles Co. O Box 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progress Through Performance Project Name Salt Mitigation Upg RADE Project No. SS 117-3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 edenvico M. dl Campo Lab S V2 EQUIPMENT EQUIPMENT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MitigAtion Upg Aade Project Project No. SS 1773 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: 	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MirigAtion Upg made Photoecr Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 edenico M. dd Campo Labo S V2 EQUIPMENT EQUIPMENT	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion UpgAAde Property Project No. S5 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHOFT MANT IN BANNE NA FH S V2 LABOR MAME CLASS ST OT DT SHOFT MANT IN BANNE NA FH S V2 EQUIPMENT EQUIPMENT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT YITIGATION UPG MADE Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson AT Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 LABOR Project Name NA FM S Y2 LABOR Project NA FM S SHIFT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name SALT MitigAtion Upghade Programme Project Name SALT MitigAtion Upghade Programme Description of Work Relocate Sonson At Fine Scheens LABOR
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Keiscare Jakson AT PINE Scheeds IABOR IABOR <td>M. Lyles Co. PO Box 4377 Pressno, CA 93744 Project Name <u>SAIT Mirigation</u> <u>Upgaade</u> <u>Project</u> No. <u>SS H73</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Sonson</u> <u>At</u> <u>Fine</u> <u>Scneeus</u> <u>IABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHOFT</u> <u>Hant In</u> <u>Banne nA</u> <u>FM</u> <u>S</u> <u>V2</u> <u>LABOR</u> <u>NAME CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHOFT</u> <u>Hant In</u> <u>Banne nA</u> <u>FM</u> <u>S</u> <u>V2</u> <u>LABOR</u> <u>NAME CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHOFT</u> <u>Hant In</u> <u>Banne nA</u> <u>FM</u> <u>S</u> <u>V2</u> <u>LABOR</u> <u>Hant In</u> <u>Banne nA</u> <u>FM</u> <u>S</u> <u>V2</u> <u>LABOR</u> <u>EQUIPMINT</u> <u>DESCRIPTION</u> <u>EQUIP.NO.</u> <u>QTY</u> <u>HRS</u> <u>SHIFT</u> <u>FN TNUCK</u> <u>172/S</u> <u>1</u> <u>S</u> <u>I</u></td> <td>M.M. Lyles Co. 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KEIOCATE JANSON AT PINE SCREERS: LABOR EQUIPMENT DESCRIPTION EQUIP.NO. QTY	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MitigAtion Upgnade Project No. S 173 3 Project Name Salt MitigAtion Upgnade Project No. S 173 3 Project Name Salt MitigAtion Upgnade Project No. S 173 3 Project Name Salt MitigAtion Upgnade Project No. S 173 3 Project Name Salt MitigAtion OF WORK Description OF WORK Relocate Sonson At Fine Scheeks: Image: Section of the sectio	M.M. Lyles Co. 20 Box 4377 Stressio, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Program Through Profession Program Through Profession Profesion Profession Profession P	W.M. Lyles Co. PO Box 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Progress Through Followmence Project Name Salt Mirigation Upgaade Project Project No. SS 1743 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheecks: LABOR LABOR NAME CLASS ST OT DT SHIFT Mant IN DANNE A FM S V2 LABOR DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FN TWOCK I 72/S I S MATERIAL	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. DON TRACTOR Proper Transfe Profession Project Name Salt MitigATION Upg nade Phogest Project No. SS 1723 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT MATERIAL SY2 Image: Project No. SY173 SY173	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name Salt MirioArion Upgnade Project No. SS 177-5 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHITT MANE CLASS ST OT DT SHITT MATERIAL	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name Salt Mitigation Upg nade Project Project No. SS 117-3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screepus: IABOR NAME CLASS NAME CLASS V2 IABOR V2 V2 V2 V2 V2 V2 COUPMENT DESCRIPTION EQUIP.NO. OT V2 V2 V2 V2 V2 V2 V2 V3 V2 V2 V2 V2 V2 V3 V4 V4 V4 V2 V3 V4 V4 V4 V4 V4 V4 V4 V4	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Progress Through Proformance Project Name SAIT MirrigAtion Up3 hade Raoger Project No. S5 173 Date 10-09 - 2020 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR LABOR LABOR MAME CLASS ST OT DT SHIPT LABOR EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIPT FM TRUCK 17215 1 5
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LABOR NAME CLASS ST OT DT SHOT Iant IN Banne nA FM S V2	N.M. Lyles Co. 'O Box 4377 Tresno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONDUCTOR Project Name SAIT Mirigarion Upgaade ProgetyProject No. Project Name SAIT Mirigarion Upgaade ProgetyProject No. SS H73 Phase Code 990 1003 40 DESCRIPTION OF WORK Relocate SOASON AT FINE Screeks: LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S V2 LABOR NAME CLASS ST V2 LABOR NAME CLASS ST V2 LABOR NAME CLASS ST V2 LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S V2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FM TRUCK L72/S L S MATERIAL DESCRIPTION QTY UM	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name <u>Selt Mirigation</u> Upgrade RogerProjectNo. <u>SS IF23</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Screens</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Hantin Barnena FM S V2</u> <u>edenico M. dd Campo Labo S V2</u> <u>EQUIPMINE</u> <u>DESCRIPTION EQUIP.NO. QTY HRS SHIFT</u> <u>FM TMUCK</u> <u>172/S 1 S</u> <u>MATERIAL</u> <u>DESCRIPTION QTY UM</u>	N.M. Lyles Co. O Box 4377 Tresno, CA 93744 Project Name <u>Selt Mirigation</u> Upgnade <u>Progec</u> project No. <u>SS 1173</u> Phase Code <u>P901003400</u> Date <u>10-08-2020</u> DESCRIPTION OF WORK <u>Relocate Somson At Fine Screens</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Hantrin Bannena FM S V2</u> <u>edenico M. dd Campo Labo S V2</u> <u>DESCRIPTION EQUIP.NO. QTY HRS SHIFT</u> <u>FM TWUCK 17215 L S</u> <u>MATERIAL</u> <u>DESCRIPTION QTY UM</u>	N.M. Lyles Co. O Box 4377 Tresno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. COMMACTOR Property Through Performants Project Name Salt Mirigation Upg aade Paogery Project No. SS H73 Phase Code 990 100340 DESCRIPTION OF WORK Relocate Somson AT Fine Screens: LABOR NAME CLASS ST OT DT SHIFT Hant IN BAURE AA FM S V2 common V2 commo	N.M. Lyles Co. O Box 4377 Tresno, CA 93744 Project Name <u>Selt Mirigation</u> Upgnade Thoger Project No. <u>SF173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Sonson</u> <u>AT</u> <u>Fine</u> <u>Screeks</u> <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>Hantin</u> <u>Banne nA</u> <u>FM</u> <u>S</u> <u>V2</u> <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>FM</u> <u>TMUCK</u> <u>L72/S</u> <u>L</u> <u>S</u> <u>I</u> <u>S</u> <u>I</u> <u>I</u> <u>I</u> <u>S</u> <u>I</u> <u>I</u> <u>I</u> <u>S</u> <u>I</u> <u>I</u> <u>I</u> <u>I</u> <u>S</u> <u>I</u>	N.M. Lyles Co. 10 Box 4377 Tresno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Nome Salt Mitrigation Upghade Project No. SS 1773 Phase Code 990 10 03 40 DESCRIPTION OF WORK Relocate Someon AT Fine Scheems: ILABOR NAME CLASS ST OT DT SBBT Manten A FM S V2 Contractor SBBT Manten A FM S V2 Contractor SBBT EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM TRUCK 17215 1 S Contractor SBBT MATERIAL DESCRIPTION QTY UM	N.M. Lyles Co. O Box 4377 Tresno, CA 93744 Project Name SAIT MirigATION UpgRADE Project No. SS H73 Phase Code P901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Screeks. LABOR NAME CLASS ST OT DT SHIFT MARTIN BAURE RA FM S V2 LABOR NAME CLASS ST OT DT SHIFT MARTIN BAURE RA FM S V2 FOULPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FK TRUCK 17215 1 5 MATERIAL DESCRIPTION QTY UM
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Lyles Co. 20 Box 4377 Presso, CA 93744 Project Name <u>S AIT MirigATION</u> Upg Ande <u>Project Project No.</u> <u>S S If 25</u> Phase Code <u>PO 00340</u> DESCRIPTION OF WORK <u>Relocate Sonson AT Fine Screens</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Hant IN BAURE AA FM S V2</u> <u>Edenico M. dd Campo Labo S V2</u> <u>FOUIPMENT</u> <u>DESCRIPTION EQUIP.NO. QTY HRS SHIFT</u> <u>FK TRUCK</u> <u>I7 2/S I S II</u> <u>MATERIAI</u> <u>DESCRIPTION QTY UM</u></td> <td>N.M. Lyles Co. W.M. LYLES CO. OB Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO. 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QTY HRS SHIFT</u> <u>FK TRUCK</u> <u>I7 2/S I S II</u> <u>MATERIAI</u> <u>DESCRIPTION QTY UM</u>	N.M. Lyles Co. W.M. LYLES CO. OB Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO. 'resno, CA 93744 Project Name SAIT Mirigation Upgaade PaoperProject No. SS H73 Phase Code 1900 03400 Description of work Date 10-09-2020 Phase Code 1900 03400 DESCRIPTION OF WORK State 10-09-2020 Relocate Sonson AT FIME Scheehls: Image: State 10-09-2020 DESCRIPTION OF WORK State 10-09-2020 NAME CLASS ST OT DT State 10-09-2020 DESCRIPTION OF WORK State 10-09-2020 NAME CLASS ST OT DT State 10-09-2020 DESCRIPTION OF WORK State 10-09-2020 NAME CLASS ST OT DT State 10-09-2020 DESCRIPTION EQUIPMENT DESCRIPTION DESCRIPTION EQUIPMENT EQUIPMENT EQUIPMENT DESCRIPTION EQUIPMENT MATERIAL EQUIPMENT Image: 2000 Image: 2000 Image: 2000 DESCRIPTION EQUIPMENT Image: 2000 Image: 2000 Image: 2000 DESCRIPTION <td>N.M. 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LABOR Stillitz Labo Y2 Labo Y2 Labo Y2 Labo Y2 EQUIPMINT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FM ThUCK I72/S I S MATERIAL MATERIAL	W.M. Lyles Co. O Box 4377 O'Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO. O'Box 4377 resno, CA 93744 Project Name Salt MirigArion Upg nade Phogec Project No. SS Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheepts: Image: Sonson At Fine Scheepts: Imat Fine Schepts: Ima	V.M. Lyles Co. O Box 4377 resno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name SAT MirigATION UP3 RADE Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Screeks: LABOR NAME CLASS ST OT DT SHIFT MANTERIAL SHEET LABOR DESCRIPTION EQUIP. NO. QTY HRS SHIFT FK TRUCK 17215 1 5 MATERIAL	N.M. Lyles Co. O Box 4377 resno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MitigAtion Upgrade Project No. SS 1773 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR LABOR NAME CLASS ST OT DT SHOT Hant IN BANNE NA FM S V2 Learning Labor V2 Learning Labor V2 Learning M. dd Campo Labo S V2 Learning Matterna EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM TRUCK 172/5 1 5 MATERIAL	V.M. Lyles Co. O Box 4377 O'Box 4377 TIME & MATERIAL SHEET W'M. LYLES CO. CONTRACTOR Project Name Salt MirigAtion Upgnade Inoget Project No. SS 1173 Phase Code 9901003400 Description of WORK Relocate Sonson At Fine Scheefts: Image: Shirt MirigAtion Upgnade Inoget Project No. State Sonson At Fine Scheefts: Image: Shirt	V.M. Lyles Co. O Box 4377 Tresno, CA 93744 Project Name Salt MittigAtion Upgnade Project No. SS 1723 Phase Code 9901003 400 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHIFT MANTERIAL DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT MATERIAL	W.M. Lyles Co. O Box 4377 O'Box 4377 TIME & MATERIAL SHEET Project Name Salt Mirigation Upg hade Project Project No. S S H7 3 Phase Code 990 LO 03 400 Date 10-09 - 2020 DESCRIPTION OF WORK Base Code 990 LO 03 400 LABOR Date 10-09 - 2020 MAME CLASS ST OT DI SHDFT Martenia Strate Strate Value Strate Strate DESCRIPTION FM Strate Strate Class ST OT DT SHDFT SHDFT Martin SHDFT Martenia FM Strate Strate Strate SHDFT Martenia Strate Strate SHDFT Martenia Strate Strate Strate Strate Strate Strate Strate Strate Strate Strate Strate Strate Strate DESCRIPTION EQUIP.NO. <t< td=""><td>V.M. Lyles Co. O Box 4377 resno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Program Through Performant Project Name Solit Mirigation Upgnade Property Project No. SS H73 Phase Code 990 10 03 40 DESCRIPTION OF WORK Relocate Somson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT Hant IN BANNE nA FM S V2 edervico M. dd Campo Labo S V2 DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM TRUCK 17215 L S MATERIAL</td></t<>	V.M. Lyles Co. O Box 4377 resno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Program Through Performant Project Name Solit Mirigation Upgnade Property Project No. SS H73 Phase Code 990 10 03 40 DESCRIPTION OF WORK Relocate Somson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT Hant IN BANNE nA FM S V2 edervico M. dd Campo Labo S V2 DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM TRUCK 17215 L S MATERIAL
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Keiscare Janson AT PINE Scheeras: Image: Imag	N.M. Lyles Co. 20 Box 4377 Pressno, CA 93744 Project Name <u>SALT Mirigation</u> <u>Upgaade</u> <u>Project</u> No. <u>SS 177 3</u> Phase Code <u>9901003400</u> Description of WORK <u>Relocate</u> <u>Sonson</u> <u>At</u> <u>Fine</u> <u>Scneeks</u> . <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIPT</u> <u>Hant IM</u> <u>S</u> <u>V2</u> <u>edenico</u> <u>M. dd</u> <u>Campo</u> <u>L460</u> <u>S</u> <u>V2</u> <u>EQUIPMENT</u> <u>DESCRIPTION</u> <u>EQUIP.NO.</u> <u>QTY</u> <u>HRS</u> <u>SHIPT</u> <u>FR TRUCK</u> <u>172/S</u> <u>1</u> <u>S</u>	M.M. Lyles Co. O Box 4377 Tresho, CA 93744 Project Name Selt MitigAtion Upgrade Project Project No. Project Name Selt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT Hant IN BANNENA FM S V2 Edervice M. dl Campo Labo S V2 DESCRIPTION EQUIP. NO. QTY HRS SHIFT FK TRUCK 17215 1 5	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Pregret Through Performance Project Name Salt Mitigation Upg aade Paosect Project No. SS 117-3 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson AT Fine Scheens: LABOR NAME CLASS ST OT DT SHIPT Hant IN BANNE NA FM S V2 edervico M. dd Campo Labo S V2 DESCRIPTION EQUIP. NO. QTY HRS SHIPT FM THUCK 17215 L S	N.M. Lyles Co. PO Box 4377 Tresno, CA 93744 Project Name <u>Selt MirigAtion</u> Upg nade <i>Project</i> Project No. Project Name <u>Selt MirigAtion</u> Upg nade <i>Project</i> Project No. Description of work <u>Relocate Sonson At Fine Scheeks</u> <u>LABOR</u> <u>NAME CLASS ST OT DT SHOT</u> <u>Hant IN BANNE nA FM S V2</u> <u>edenico M. dd Campo L460 S V2</u> <u>Description EQUP.NO. QTY HRS SHIFT</u> <u>FM TRUCK L7215 L S</u>	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt MitigATION UpgRAde Project Project No. SS 1773 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson AT Fine Scheerts: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE RA FM S V2 edenico M. dd Campo Labo S V2 DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM THUCK 17215 1 5	N.M. Lyles Co. O Box 4377 TYPESHO, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks:	N.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upgnade Project No. SS H73 Phase Code 9901003 400 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 edenico M. dd Campo L40 S V2 DESCRIPTION EQUIP.NO. QTY HRS SHIFT FN THUCK 17215 1 S
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Ketocate JOASSAL AT PINE Scheeds: ILABOR	N.M. Lyles Co. 20 Box 4377 Preseno, CA 93744 Project Name Solt Mirrigation Upgrade Project No. Project Name Solt Mirrigation Upgrade Project No. Project Name Solt Mirrigation Upgrade Project No. Project Name Solt Mirrigation Street Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHOT Mant IN Banne na FM S V2 Edervico M. dd Campo Lato S V2 DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM TRUCK 17215 1 5	M.M. Lyles Co. O Box 4377 Tresno, CA 93744 Project Name Salt MitigAtion Upgnade Rozer Project No. SS H73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheents: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 LABOR MANTE N. dd Campo Labo S V2 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM TRUCK 172/5 1 5	W.M. Lyles Co. 'O Box 4377 Bresno, CA 93744 Project Name <u>SALT MirigATION</u> Upg AADE Project No. <u>SSHP3</u> Phase Code <u>490100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Senson</u> <u>AT</u> <u>Fine</u> <u>Scneeks</u> . <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IABOR</u> <u>IAB</u>	W.M. Lyles Co. PO Box 4377 Sresno, CA 93744 Project Name SAIT MITIGATION UPG PLACE PROJECT Project No. SS H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MARE TA BANNE NA FM S Y2 CLASS Y2 CLAS	W.M. Lyles Co. 20 Box 4377 Tresno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Preprint Through Profession Preprint Through Profession Preprint Project No. SS 1173 Date [0-08-2020 DESCRIPTION OF WORK Relocate Somson AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE nA FM S V2 LABOR MAME CLASS ST OT DT SHIFT Mant IN BANNE nA FM S V2 LABOR DESCRIPTION LAG S V2 DESCRIPTION EQUIPMENT DESCRIPTION EQUIP.NO. QTY HIRS SHIFT FM TRUCK 17215 L S	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SS 1173 Project Name Salt MitigATION UpgRAde Project No. SS 1173 Project Name Salt MitigATION UpgRAde Project No. SS 1173 Project Name Salt MitigATION UpgRAde Project No. SS 1173 Description of WORK Relocate Sonson At Fine Screeks: LABOR MAME CLASS ST OT DT SHIFT MANT IN BANNE RA FM S V2 Edervico M. dd Campo Labo S V2 DESCRIPTION EQUIP.NO. QTV HRS SHIFT FM TRUCK 1721S 1 S	W.M. Lyles Co. PO Box 4377 Presmo, CA 93744 Project Name SAIT MITIGATION UPJAACE PROJECT Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant TM BANNE NA FM S V2 Edentico M. dd CAMPO L40 S V2 DESCRIPTION EQUIP.NO. QTV HRS SHIFT FM TRUCK 1721S L S
Kelocate Johnson At PINE Scheens: ILABOR ILABOR ILABOR ILABOR IANTIN BANNE NA FM S Y2 IANTIN BANNE NA FM S Y2 Identico ILABOR Image: State of the sta	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name Solt MitigAtion Upg nade Project No. SS 1973 Phase Code 990 LOG 400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheers: LABOR NAME CLASS ST OT DT SHIFT Mant IN BARRE RA FM S 1/2 edernico M. dd Campo Labo S 1/2 LOUIPMENT DESCRIPTION EQUIP. NO. OTY HRS SHIFT FM TRUCK 1721S 1 S	N.M. Lyles Co. O Box 4377 TEME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt Mitigation Upgnade RogecyProject No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S V2 edervico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Selt MitigATION Upg RADE Project No. SS 117-3 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Screens: LABOR NAME CLASS ST OT DT SHUT Mantin BannenA FM S 12 Mantin BannenA FM S 12 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM THUCK 17215 1 S	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MITIGATION UPGAADE PROJECT Project No. SSIFT3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: HABOR NAME CLASS ST OT DT SHIPT MANTEN BANNE NA FM S V2 HACTIN BANNE NA FM S V2 HACTIN BANNE NA FM S V2 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FN TWCK 17215 1 5	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mirigarion Upgrade Project No. SS 11723 Phase Code 9901003400 DESCRIPTION OF WORK Relocare Sonson AT Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Martin Bannena FM S V2 Edervice M. dd Campo Labo S V2 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM THUCK 17215 1 5	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name Solt MirigATION UPJRADE PROJECT Project No. Project Name Solt MirigATION UPJRADE PROJECT Project No. SSHF23 Phase Code 990100340 DESCRIPTION OF WORK ReloCATE SONSON AT FINE SCREEKS. LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S V2 Edenico M. dd CAMPO LAG S V2 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM TWOCK U7215 L S	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION Upg AAde Project Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheehs:
LABOR NAME CLASS ST OT DT SHUFT IANTIN BANNE NA FM S Y2 Image: Strain of the st	W.M. Lyles Co. YO BOX 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Preseno, CA 93744 Preseno, CA 93744 Preseno, CA 93744 Preseno, CA 93744 Project Name Salt Mitigation Upgnade Project No. SS 1173 Preseno, CA 93744 Project Name Salt Mitigation Upgnade Project No. SS 1173 Date 10 - 08 - 2020 Phase Code MASON AT Fine Scheepts: Present Threade Project No. SS 1173 NAME CLASS ST OT DT SHIT Hant IN Banne na FM S Y2 Present Threade Project No. SHIT Hant IN Banne na FM S Y2 Present Threade Project No. SHIT Hant IN Banne na FM S Y2 Present Threade Project No. SHIT Hant IN Banne na FM S Y2 Present Project No. SHIT Hant IN Banne na FM S Y2 Present Project No. Present Project No. Banne na FM S Y2 Present Project No. Present Project No. Present Project No.	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name Selt MitigAtion UpgRAde Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCREEKS: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S V2 LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNE A FM S V2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FR TRUCK 1721S 1 SHIFT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Prograw Through Informatic Project Name Solt Mitigation Upgnade Program Through Informatic Program Informatic Progra	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt Mirigation Upgrade Project No. SS H73 Phase Code P90100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Harrin Bannena FM S V2 Ederyco H. dd Campo Lobo S V2 DESCRIPTION EQUIP.NO. QTV HRS SHIFT FK TRUCK 172/S 1 S	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Solt MitigAtion Upghade Project Project No. SS 1173 Phase Code 9901003400 Description of WORK Relocate Sonson At Fine Scheenes: LABOR NAME CLASS ST OT DT SHIFT Mant 14 Banne nA FM S V2 Ederyco M. dd Campo Labo S V2 EDESCRIPTION EQUIP. NO. QTY HRS SHIFT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FK THUCK 17215 L S	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name SAIT MitigATION UpgRAde Project No. SSIFT3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheehs: LABOR LABOR NAME CLASS ST OT DT SHIPT Hant IN BANNE A FM S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MitrigATION UPGRADE PROJECT Project No. SSHIF3 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCREEKS: LABOR NAME CLASS ST OT DT SHIFT MARTIN BARRERA FM S V2 LABOR SV2 DESCRIPTION EQUIP.NO. QTY HRS SHIFT FK TRUCK 17215 L S
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PO Box 4377 Fresho, CA 93744 Project Name Salt Mirigation Upgrade Project No. SS H73 Phase Code MODIC 0340 DESCRIPTION OF WORK Relocate SOMSON AT Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTEN BARNERA FM S 1/2 LABOR NAME CLASS ST OT DT SHIFT MANTEN CLASS Y2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FM THUCK 172/5 1 5	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>SAT MirigATION</u> Upg RADE Project No. <u>SS 1173</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate SOMSON AT FINE Scheerts:</u> <u>LABOR</u> <u>LABOR</u> <u>NAME CLASS ST OT DT SHDT</u> <u>HARTIN BANNENA FM S V2</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u>	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion UpgRAde Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 Edenico M. dd Campo Lato S V2 DESCRIPTION EQUIPMENT DESCRIPTION EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM THUCK 172/S 1 S	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Progent Through Performance Project Name SAIT MitigATION UpgRADE Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Screeks: LABOR NAME CLASS ST OT DT SHUT Mantin BannenA FM S 12 Hantin BannenA FM S 12 Edenico M. dd Campo Labo S 12 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM THUCK 172/S 1 SHUFT	W.M. Lyles Co. 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LABOR	W.M. Lyles Co. YO BOX 4377 Prosono, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MirigAtion Upgnade Project Project No. SS 173 Phase Code 9901003400 Date 10-08-2020 DESCRIPTION OF WORK Date 10-08-2020 Relocate Somson AT Fine Scheeks:	N.M. Lyles Co. O Box 4377 Sresno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MitigAtion UpgRAde Project Project No. S5 H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson AT Fine Screeks: 	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Propert Through Informatic Project Name Solt Mitigation Upgnade Profession Project Name Solt Mitigation Upgnade Profession Description of WORK Relocate Somson At Fine Scheerts: LABOR NAME CLASS ST OT DT SHIFT Martin Bannena FM S 1/2 Labor	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>Salt Mirigation</u> Upgnade Raoger Project No. <u>SS 1173</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheerts</u> <u>LABOR</u> <u>NAME CLASS ST OT DT SHIFT</u> <u>Hant IN BANNE NAME LABOR</u> <u>LABOR</u> <u>NAME CLASS ST OT DT SHIFT</u> <u>Hant IN BANNE A FM S V2</u> <u>LABOR</u> <u>LABOR</u> <u>NAME CLASS ST OT DT SHIFT</u> <u>Hant IN BANNE A FM S V2</u> <u>LABOR</u> <u>EQUIPMENT</u> <u>DESCRIPTION EQUIP.NO. QTY HRS SHIFT</u> <u>FR TRUCK 1721S L S</u>	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SS H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT Fine Scheeks: HANTIN BARRENA FM S V2 HANTIN BARRENA FM S V2 HANTIN BARRENA FM S V2 HANTIN BARRENA FM S V2 HOULPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FK TRUCK 1721S L S	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name Selt MitigATION Upg RADE Rogect Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S 12 Labor Hantin BannenA FM S 12 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FK TRUCK 1721S 1 S	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitigation Upgrade Project Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCREEKS: LABOR NAME CLASS ST OT DT SHIFT Mantena FM S V2 Edenico M. dd CAMPO LAO S V2 FOULPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FM TWCK 1721S 1 S
Kelocate Johnson At PINE Scheeras LABOR LABOR LABOR Iant IN Banne na FM S V2 Jennico M. dd Campo Labo S Y2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FM Thuck 172/5 S	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upg nade Program Project No. SS 1773 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: 	W.M. Lyles Co. O Box 4377 O' Box 4377 TIME & MATERIAL SHEET D'resno, CA 93744 W. M. LYLES CO. Project Name Selt MirigAtion Upgnade Project No. SS 1173 Phase Code 990100340 Description of WORK Relocate Sonson At Fine Scheens: 10-08-2020 MAME CLASS ST OT DT SHIFT MAME CLASS Y2 Edery'co M. dd Campo Labor 1 EQUIPMENT EQUIPMENT 17215 DESCRIPTION EQUIP.NO. QTY HRS	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name SAIT MitigATION UpgRAde Progress Project No. SS 1773 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Screeks: HARTIN BANNE A FM S V2 Edenico M. dl CAMPO LAO S V2 EQUIPMENT DESCRIPTION EQUIP.NO. QTV HRS SHIFT FM TRUCK 172/S L S	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt Mirigation Upgaade Project Project No. SS H73 Phase Code 990 (00340) DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHOT Mantin Bannena FM S V2 LABOR Mantin Bannena FM S V2 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FN TRUCK 172/S 1 S	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigATION Upg RADE Project No. SSHP3 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: MAME CLASS ST OT DT SHIFT MARTIN BANNE RA FM S V2 Edenyco M. dd Campo L46 S V2 DESCRIPTION EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FN TWCK 172/S 1 S	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name Selt MitigAtion Upg RADE Reoger, Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OI DT SHIFT Mant IN BANNE RA FM S V2 Edenico M. dd CAMPO L40 S V2 DESCRIPTION EQUIP.NO. QTY HRS SHIFT FN TWCK 172/S 1 S	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UpgRAde Rogect Project No. SS 117-3 Phase Code 90100340 DESCRIPTION OF WORK Relocate SANSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S Y2 LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S Y2 LABOR LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S Y2 LABOR LAB
Kelocate Johnson At PINE Scheeras LABOR LABOR LABOR LABOR Iant In Banne na FM S Y2 Jenico M. del Campo Labo S Y2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS FM Thuck 17215 L	W.M. Lyles Co. 'O Box 4377 Tresno, CA 93744 Project Name Salt MitigAtion UpgRAde Project Project No. SS HT3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Screeks: 	W.M. Lyles Co. O Box 4377 O' Box 4377 THME & MATERIAL SHEET Preseno, CA 93744 W.M. EYLES CO. Project Name Salt MirigATION UPGRAde Paoper Project No. SS 1673 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson AT FINE Scheems: Date 10-08 - 2020 MAME CLASS ST OT DT SHIFT MARTIN BANNE NA FM S 122 MARTIN BANNE NA FM S 122 Continue DESCRIPTION OF WORK Relocate ST OT DT SHIFT MARTIN BANNE NA FM S 122 Continue DESCRIPTION OF WORK Relocate St OT DT SHIFT DESCRIPTION EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FM THUCK 17215	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MirioATION UpgRAde PROJECT Project No. SS HT3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCREEMS: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S Y2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT DESCRIPTION EQUIP. NO. QTY HRS SHIFT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MirigArlow Upgrade Progect Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocare Sonson AT Fine Scheens: LABOR LABOR LABOR NAME CLASS ST OT DT SHIFT MANTIN DANNENA FM S V2 LABOR LABOR EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT FM THUCK 17215 1 5	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upg nade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 Edenico M. dd Campo Lato S V2 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM Thuck 17215 4 S	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MirigATION UpgRAde Phoger, Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Screeks: LABOR NAME CLASS ST OT DT SHIFT MANTEN DANNENA FM S 1/2 LABOR NAME CLASS ST OT DT SHIFT MANTEN DANNENA FM S 1/2 Edentico M. dd Campo Labo S 1/2 EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT FM THUCK 17215 4 5	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTACTOR Project Name Selt Mirigation Upgnade Project Project No. SS 117-3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheents: LABOR LA
LABOR	W.M. Lyles Co. 'O Box 4377 Presno, CA 93744 Project Name SALT MirigATION UPGRADE Project Project No. SS H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCREERS: LABOR NAME CLASS ST OT DT SHIFT MANTEN BANNE NA FM S Y2 ederyico M. del Campo LAG S Y2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Preseno, CA 93744 Project Name Salt MitigAtion Upg RAde Programmer Program Through Performance Project Name Salt MitigAtion Upg RAde Programmer Program Through Performance Phase Code 9901003400 Description of Work Relocate Somson At Fine Scheeks: IABOR Itabor Integration Structure	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigATION UpgRAde Project No. SS HF3 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR LABOR MAME CLASS ST OT DT SHIFT MAME SHIFT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MitigAtion UpgRAde Programmer. Project Name SAIT MitigAtion UpgRAde Programmer. Description At FM S V2 EQUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT	W.M. Lyles Co. PO Box 4377 Prosono, CA 93744 Project Name <u>Selt Mirigation</u> Upgaade Project No. <u>SS H73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Sonson AT Fine Scheens</u> <u>HANTEN BANNERA FM S V2</u> <u>HANTEN BANNERA FM S V2</u> <u>Edenvico M. dd Campo L46</u> <u>FQUIPMENT</u> <u>DESCRIPTION EQUIP.NO. QTY HRS SHIFT</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Selt MitigAtion Upgnade Rogect Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheens: LABOR NAME CLASS ST OT DT SHOFT Martin Bannena FM S V2 Labor EQUIPMENT DESCRIPTION EQUIP.NO. QTY HRS SHIFT	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name Salt Mirigation Upgrade Project No. SS H73 Phase Code 990 100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks: Hant th BannenA FM S Y2 Hant th BannenA FM S Y2 Hant th BannenA FM S Y2 Hant th BannenA FM S Y2 EOUIPMENT DESCRIPTION EQUIP. NO. QTY HRS SHIFT
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNE NA FM S Y2	W.M. Lyles Co. YO Box 4377 TIME & MATERIÁL SHEET W. M. LYLES CO. CONTRACTOR Preseno, CA 93744 Pregret Through Performance Pregret Through Performance Project Name SALT MitigATION UPGAAC Project No. SS 117-3 Date 10-08-2020 Phase Code 990100340 DESCRIPTION OF WORK Date 10-08-2020 Relocate Sonson AT Fine IABOR IABOR IABOR EQUIPMENT EQUIPMENT DESCRIPTION EQUIPMENT	W.M. Lyles Co. O Box 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Progress Through Performance Project Name SAIT MirigATION UPGRACE Project No. SS 117-3 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson AT Fine Screeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR MAME LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR MANTIN BANNENA FM S V2 LABOR MANTIN BANNENA FM S V2 LABOR EQUIPMENT EQUIPMENT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upgrade Progect Project No. SS 1973 Phase Code 9901003400 Description of WORK Relocate Sonson At Fine Screens:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MirigATION UpgRAde Project Project No. SS 1673 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCREEMS: LABOR HARTIM BANNE NAME CLASS ST OT DT SHIFT HARTIM BANNE NA FM S V2 Edervico M. dd CAMPO LAG S V2 EQUIPMENT EQUIPMENT DESCRIPTION EQUIPMENT	W.M. Lyles Co. PO Box 4377 ProBox 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt Mirigarion Upg Rade Property Project No. SS 173 Phase Code 9901003400 DESCRIPTION OF WORK Relocare Sonson AT Fine Screens: LABOR NAME CLASS ST OT DT SHUT Mant IN BANNE RA FM S V2 Edenico M. dd Campo Labo S V2 EQUIPMENT EQUIPMENT EQUIPMENT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Progress Threads Performance Project Name SAIT MitigATION UpgRAde Project No. SS HF3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S V2 LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S V2 LABOR LABOR LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S V2 LABOR LA	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name Solt MitigAtion Upgrade Rogers Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHOT MAME SHOT EQUIPMENT
KELOCATE JOASON AT PINE Scheers LABOR	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name SAIT MITIGATION UPGRADE Project No. SSH73 Phase Code 990 (003 40) DESCRIPTION OF WORK Relocate SOMSON AT FINE Screens: LABOR NAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S 122 LABOR NAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S 122 LABOR MAME LABOR NAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S 122 LABOR MAME LABOR NAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S 122 LABOR MANE LABOR NAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S 122 LABOR MANE LABOR	W.M. Lyles Co. O Box 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Progress Thracely Performance Project Name Salt MitigATION UpgRAde Progress Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 LABOR MAME LAGS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 LABOR EQUIPMENT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MirigATION UpgRAde Project No. SS H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 DESCRIPTION S V2 DESCRIPTION S V2 DESCRIPTION S V2 EQUIPMENT	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>SAIT MirigATION</u> Upg RADE PROJECT Project No. <u>S5 HF73</u> Phase Code 9901003400 DESCRIPTION OF WORK <u>Relocate</u> <u>SOMSON</u> <u>AT FINE Scheekts</u> <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>HARTIN BANNERA</u> <u>FM</u> <u>S</u> <u>Y2</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u> <u>LABOR</u>	W.M. Lyles Co. PO Box 4377 Proba 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name SAIT MitigATION UpgRAde Progress Through Performance Project Name SAIT MitigATION UpgRAde Progress To Stift 3 Phase Code 9901003400 DescRIPTION OF WORK Relocate Sonson AT Fine Screeks: LABOR LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S V2 LABOR SV2 LABOR LABOR br>LABOR LABOR LABOR LABOR LABOR LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTINACION Propert Threads Deformance Project Name Salt Mirigation Upgrade Project No. SS H73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheems: LABOR LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S V2 LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTINUCTOR Project Name SALT MitigAtion UpgRAde Project Project No. SS 1673 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks:
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S V2 Jenico M. del Campo Labo S V2	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name SALT MirigATION Upg AADE Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson AT Fine Scheehs: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 edenvico M. dd Campo Labo S V2	W.M. Lyles Co. 20 Box 4377 Preseno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name SAIT Mitigation Upg hade Proget Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIPT Mantin BannenA FM S 1/2 denvico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MitigATION UPGRADE Project No. SS 117-3 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHIFT MARTIN BARRENA FM S 1/2 decnico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SAIT MirigATION UpgRAde Project Project No. SSH73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT MARTIN BANNENA FM S V2 LABOR LABOR NAME CLASS ST V2 LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Solt MitigATION Upg AADE Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE A FM S V2 Edenico M. dd Campo Lab S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTINCTOR Project Name Salt MitigATION Upg RAde Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SAIT MirigATION UP3 RADE PROJECT Project No. SS H73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR
Kelocate Johnson At prive Scheeras: Image: state of the state of	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name <u>Salt Mitigation</u> Upg nade Project No. <u>SS 1173</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheerts:</u> <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>Mantin</u> <u>Bannena</u> <u>FM</u> <u>S</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u> <u>Labor</u> <u>Labor</u> <u>V2</u> <u>Labor</u> <u>Labor</u>	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upg AAde Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BAnne nA FM S V2 LABOR V2 Mant IN BAnne nA FM S V2 LABOR V2 Mant IN BAnne nA FM S V2 LABOR V2 LAB	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt MitigATION UpgRAde Profeet No. SS H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigATION UpgRAde Project Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson AT Fine Screens: LABOR NAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S 1/2 denico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MitigATION UpgRADE Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK RelocATE SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR V2 LABOR	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Project Name Salt Mirigation Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks: LABOR LABOR NAME CLASS ST OT DT SHIFT Martin BannenA FM S V2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigATION UpgRAde Progress Project No. SS 1773 Phase Code 9901003400 Description of Works Relocate Somson AT Fine Screens: IABOR NAME CLASS ST OT DT SHIFT MARTIN BANNERA FM S V2 Edervico M. dd CAMPO LAO S V2
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2 Servico M. dd CAMPO LAG S 1/2	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name <u>Salt Mirigation Upgaade Project</u> No. <u>SS 1723</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheehs:</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Hant IN BAnne nA FM S V2</u> <u>Labor V2</u> <u>Labor SV2</u>	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR Progens Through Reformance Project Name Salt MitigATION Upg RAde PROJECT Project No. <u>S5 H173</u> Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIPT MANTIN BANNE NA FM <u>S</u> 1/2 Edenyco M. dd Campo Labo <u>S</u> 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitigation Upghade Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheehs: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 Labor Labor V2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progret Through Performance Project Name Salt MitigATION UpgRAde Project Project No. <u>S51173</u> Phase Code 990100340 DESCRIPTION OF WORK <u>Relocate Sonson At Fine Screeks</u> LABOR <u>NAME CLASS ST OT DT SHIFT</u> <u>Hant IN BAnne nA FM S V2</u> <u>identico M. dd Campo Labo S Y2</u>	W.M. Lyles Co. PO Box 4377 Proposed Name SALT MirigATION UPGRAde Project No. S. S. 1973 Project Name SALT MirigATION UPGRAde Project No. S. S. 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 Edenico M. dd Campo LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UPGRAde Project Project No. S5 117-3 Phase Code 990100340J DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 Edenico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigATION UpgRADE Project No. Sflf73 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks: LABOR NAME CLASS ST OT DT SHIFT Mant (N BANNENA FM S V2 Edenvico M. dd Campo Labo S V2
LABOR LABOR NAME CLASS ST OT DT SHIFT Antin Bannena FM S V2 Jenvico M. dd Campo Labo S V2	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name SALT MitigATION UpgRADE Project No. SS 1723 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MARTIN BANNENA FM S V2 edenico M. dd CAMPO LAG S V2	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upg MAde Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR HANT IN BANNENA FM S V2 edenico M. dd CAMPO Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS H73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S V2 LABOR	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Mant M. BANNENA FM S V2 Edenico M. dd CAMPO LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion UpgRAde Project No. SSH73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNENA FM S V2 Edenico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MITIGATION UPGRADE Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson AT Fine Screens: LABOR NAME CLASS ST OT DT SHIFT Mant IN BARNERA FM S V2 Edenico M. dd Campo Lab S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UPGRADE Project No. S5 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screeks: LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S 1/2 LABOR 10 10 10 10 10 10 10 10 10 10
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2 Servico M. dd CAMPO LAG S 1/2	W.M. Lyles Co. O Box 4377 Sresno, CA 93744 Project Name SAIT MitigATION UpgRAde Progress Through Performance Project Name SAIT MitigATION UpgRAde Progress Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNE NA FM S V2 LABOR V2	W.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name <u>Selt MitigAtion Upgaade Project</u> No. <u>SS H73</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheeks:</u> <u>LABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>Hantin Bannena</u> <u>FM</u> <u>SY2</u> <u>J</u> <u>J</u> <u>J</u> <u>J</u> <u>J</u> <u>J</u> <u>J</u> <u>J</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MitigATION UpgRAde PROJECT Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 edenico M. del CAMPO LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MirigATION UpgRADE Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR LABOR MAME CLASS ST OT DT SHIFT Mant (N BANNE NA FM S V2 Edernico M. del CAMPO LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>Selt MitigAtion Upgaade Project</u> Project No. <u>SS 1973</u> Phase Code <u>P90003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneens:</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Mant (M Banne nA FM S 1/2</u> <u>Labor</u> <u>Hant (M Banne nA FM S 1/2</u> <u>Labor</u> <u>Labor</u> <u>Hant (M Banne nA FM S 1/2</u> <u>Labor</u> <u>Hant (M Banne nA FM S 1/2</u> <u>Hant (M Banne nA FM S 1/2)</u> <u>Hant (M Banne nA F</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UpgRAde PROJECT Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 Labor V2 Mant IN BANNE NA FM S V2 Labor V2 Mant IN BANNE NA FM S V2 Labor V2 Lab	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Selt MitigATION UpgRAde Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR
LABOR NAME CLASS ST OT DT SHIFT Antin Bannena FM S V2 Jenvico M. dd Campo Labo S V2	W.M. Lyles Co. O Box 4377 Oresno, CA 93744 Project Name Salt MitigAtion Upg hade Project No. SS 1973 Phase Code 990100340 Description of WORK Relocate Somson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT Mant (M BANNE NA FM S V2 Labor SV2 DESCRIPTION LAG S V2 DESCRIPTION S S S S S S S S S S S S S S S S S S S	W.M. Lyles Co. 20 Box 4377 Preseno, CA 93744 Project Name Salt MitigAtion Upgaade Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens. LABOR NAME CLASS ST OT DT SHIFT Mant (N Danne nA FM S V2 edenico M. dd Campo Labo S Y2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitigation Upg nade Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheents: LABOR NAME CLASS ST OT DT SHIFT Mant (M Banne nA FM S 1/2 identico M. del Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHOFT Mantin Bannena FM S 12 Labo S 12 1000 JU 1000 JU	W.M. Lyles Co. PO Box 4377 Bresho, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Screeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 deicnico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitigation Upgrade Project No. SS H73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR MAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT Mitig ATION Upg RADE Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 122 MANTIN FM S 122 MANNENA FM S 122 MANTIN FM S 122 MANTI
LABOR LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2- dervico M. del CAMPO LAG S Y2	M.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name <u>Salt Mirigation Upg Rade Project</u> Project No. <u>S5 H73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneeks</u> : <u>LABOR</u> <u>NAME CLASS ST OT DT SHOFT</u> <u>Mant IN BANNE NA FM S V2</u> <u>edenico M. dd Campo Labo S V2</u>	W.M. Lyles Co. 20 Box 4377 Preseno, CA 93744 Project Name Salt MitigAtion Upg RAde Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneens: LABOR NAME CLASS ST OT DT SHOFT Mant IN BANNE RA FM S V2 edenico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MirigAtion Upg Ande Project No. SS 1773 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S 12 Edenico M. dd CAMPO LAG S Y2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT Y ITIDATION UPGRADE Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 edenico M. dd CAMPO LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>Salt MitigAtion UpgRAde Project No.</u> <u>SSH73</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneeks:</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Hant IN BANNE RA FM S V2</u> <u>Labor V2</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MitigATION UPGRADE PROJECT Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR V	W.M. Lyles Co. PO Box 4377 Pressno, CA 93744 Project Name <u>Salt MitigAtion Upgaade Project No.</u> <u>S5 H73</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneens</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Hant IN BANNE NA FM S V2</u>
LABOR LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2 Jennico M. del Campo Labo S 1/2	W.M. Lyles Co. O Box 4377 Sresno, CA 93744 Project Name Salt MitigATION Upg AAde Project Project No. SS 1173 Phase Code 190100340 Description of WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHOFT Mantin BannenA FM S V2 edenico M. dd Campo Labo S V2	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion Upg hade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR LABOR MAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 edenico M. del Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion UpgRAde Project Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR V2 L	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>Salt Mirigation Upg hade Project</u> Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Somson At Fine Scheents:</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Mant (M Bannena FM S V2</u> <u>Labor</u> <u>Mant (M Bannena Labo S V2</u> <u>Labor</u> <u>Mant (M Bannena FM S V2</u> <u>Labor</u> <u>Mant (M Bannena FM S V2</u> <u>Labor</u> <u>Mant (M Bannena FM S V2</u> <u>Mant (M Bannena FM S V2</u> <u>M M M M M M M M M M M M M M M M M M M </u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>Salt MitigAtion Upgrade Project</u> No. <u>SS 1973</u> Phase Code <u>490003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Screens:</u> <u>LABOR</u> <u>NAME CLASS ST OT DT SHIFT</u> <u>Mant IN BANNE NA FM S V2</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UpgRAde PROJECT Project No. SS 117-3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant (M BANNE NA FM S V2 Edenico M. del CAMPO Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MITIGATION UPG PADE PROJECT Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2
LABOR NAME CLASS ST OT DT SHOT Antin Bannena FM S V2 dervico M. dd Campo Labo S V2	W.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name SALT MirigATION Upg AAde Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson AT Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 edenvico M. dd Campo Labo S V2	W.M. Lyles Co. 'O Box 4377 Tresno, CA 93744 Project Name SALT MitigATION UPGRADE Project Project No. SS 1173 Phase Code MOLOG340 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCREEMS: LABOR MAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 edenico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upg RAde Project No. SSH73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 edenico M. dd CAMPO LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>SALT MirigATION</u> Upg RADE Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocare Sonson AT Fine Scneeks</u> : <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIPT</u> <u>Mant IN BANNE NA FM S V2</u>	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SAIT MitigATION UpgAAde Progect Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT MARTIN BANNENA FM S V2 Edenico M. dd CAMPO LAG S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name SALT MirigAtion Upg RAde Project No. SS H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT Fine Scheeks: LABOR LABOR NAME CLASS ST OT DT SHIFT MARTIN BANNENA FM S V2 identico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SS 117-3 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 Labo S V2
LABOR NAME CLASS ST OT DT SHUFT IANTIN BANNENA FM S 1/2 Servico M. del Campo Labo S 1/2	W.M. Lyles Co. O Box 4377 O Box 4377 TIME & MATERIAL SHEET Presno, CA 93744 W.M. LYLES CO. CONTRACTOR Project Name SALT MitigAtion Upgrade Project No. SS 1173 Date 10-09-2020 Phase Code 9901003400 Description of WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. 20 Box 4377 Presmo, CA 93744 Project Name SALT MitigATION Upg RADE Project Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S V2 Edenico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name <u>SALT MirigATION</u> Upg AADE Project Project No. <u>SS 1173</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>ReloCATE</u> <u>SOMSON</u> <u>AT</u> <u>FINE</u> <u>SCNEEMS</u> : <u>IABOR</u> <u>IABOR</u> <u>NAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIPT</u> <u>MANTIN BANNENA</u> <u>FM</u> <u>S</u> <u>Y2</u> <u>IABOR</u>	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>Selt Mirigation Upg hade Project Project No.</u> <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Somson At Fine Scheens:</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Mant (N BANNE nA FM S V2</u> <u>LABOR</u> <u>Mant (N BANNE nA FM S V2</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upg RAde Project No. SS H73 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 LABOR V2 LABOR V2 LABOR V2 LABOR	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitrigation Upgrade Project Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT Fine Scheeks: LABOR LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S 1/2 Labor Y2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>Selt MitigAtion UpgRAde Project</u> Project No. <u>SS 1173</u> Phase Code 9901003400 DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheerts:</u> <u>LABOR</u> NAME <u>CLASS ST OT DT SHOFT</u> <u>Hantin BannenA FM S 1/2</u> <u>Hantin BannenA FM S 1/2</u>
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2 denico M. dd CAMpo LAG S Y2	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name SALT MitigATION UpgRAde Progress Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2 edenvico M. dl CAMPO LAG S V2	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name <u>SALT MirigATION UpgAADE Project No. SS 1173</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Somson AT Fine Scneences</u> <u>LABOR</u> <u>NAME CLASS ST OT DT SHIFT</u> <u>Mant IN BANNE NAME LAGO S Y2</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MITIGATION UPGRADE Project No. SS 1773 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR MAME CLASS ST OT DT SHOFT MANTIN BANNENA FM S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MirigATION Upg RADE Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson AT Fine Scheeks: LABOR MAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S V2 edenvico M. dd Campo Labo S V2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upgrade Progect Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNE NA FM S 1/2 Edervico M. dd Campo Labo S 1/2	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progress Through Performance Project Name Salt MitigAtion Upg RAde Project No. SS 1173 Phase Code 9901003400 Description of WORK Relocate Somson At Fine Scheems: LABOR LABOR LABOR MAME CLASS ST OT DT SHIFT Mant IN BANNE RA FM S 1/2 Labor Y2	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Screeks: LABOR NAME CLASS ST OT DT SHOT Mant (N BANNE NA FM S 1/2 Edervico M. dd Campo Labo S 1/2
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S V2 denico M. dd Campo LAG S V2	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name <u>SALT MirigATION</u> Upg Ande Project No. <u>SS H73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Sonson</u> <u>AT</u> <u>Fine</u> <u>Scheens</u> <u>ILABOR</u> <u>Hant IN BANNE NA FM S V2</u> <u>Hand CAMPO</u> <u>LAGO</u> <u>V2</u>	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name <u>Selt MitigAtion</u> Upgrade Project No. <u>SS 1173</u> Project Name <u>Selt MitigAtion</u> Upgrade Project No. <u>SS 1173</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Somson At Fine Scheeks</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHOFT</u> <u>Mantin BannenA FM S V2</u> <u>edervico M. del Campo Labo S V2</u>	N.M. Lyles Co. 20 Box 4377 Preseno, CA 93744 Project Name <u>Solt Mirigation</u> Upgrade Project No. <u>SSH73</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneens</u> <u>IABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHOFT</u> <u>Mant IN BANNE NA FM S V2</u>	N.M. Lyles Co. D Box 4377 Tresno, CA 93744 Project Name SALT MitigATION Upgrade Project No. SS 1973 Phase Code 990100340 Description of WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mant IN BANNENA FM S V2 edenico M. dd Campo Labo S V2	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upg Ade Project Project No. SSH73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scneeks: LABOR LABOR MAME CLASS ST OT DT SHIPT Mant (N BANNE NA FM S 1/2 edenico M. dd Campo L46 S 1/2	N.M. Lyles Co. 'O Box 4377 Presno, CA 93744 Project Name SALT MitigATION UPGAADE Project No. SS 1173 Phase Code 9901003400 Description of WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 122 LABOR 122 122 122 122 122 122 123 123	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name <u>Salt MitigAtion UpgAade Project</u> Project No. <u>SSH73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneens</u> <u>LABOR</u> <u>LABOR</u> <u>Hantin Bannena FM S V2</u> <u>Hantin Bannena FM S V2</u>
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2 denvico M. del CAMPO LAG S 1/2	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name <u>SALT MitigAtion</u> Upgrade Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Somson</u> <u>At</u> <u>Fine</u> <u>Scneems</u> : <u>LABOR</u> <u>LABOR</u> <u>MAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHIFT</u> <u>Mantin</u> <u>Bannena</u> <u>FM</u> <u>S</u> <u>V2</u>	W.M. Lyles Co. YO BOX 4377 Prosono, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name Salt Mitigation Upg Rade Project No. SS 1173 Project Name Salt Mitigation Upg Rade Project No. SS 1173 Description of Work Date 10-08-2020 DESCRIPTION OF WORK Description of Work Relocate Sonson At Fine Scheens: Itabor Itabor Itabor Itabor Itabor Mantin Banne na FM S Y2 Y2 Itabor Y2	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name <u>SAIT MirigATION</u> Upgrade Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Somson</u> <u>AT</u> <u>Fine</u> <u>Scheehts</u> <u>LABOR</u> <u>LABOR</u> <u>MAME</u> <u>CLASS</u> <u>ST</u> <u>OT</u> <u>DT</u> <u>SHOFT</u> <u>MANTIN BANNE NA</u> <u>FM</u> <u>S</u> <u>Y2</u>	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name <u>Selt MitigATION</u> UpgRAde Project Project No. <u>SS 1173</u> Phase Code 990100340 DESCRIPTION OF WORK <u>Relocate Sonson AT Fine Scneens</u> <u>LABOR</u> <u>LABOR</u> <u>Hant IN BANNE NA FM S 12</u>	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name SALT MitigATION UPJAADE Project No. SS 1173 Phase Code 9901003400 Description of WORK Relocate SOMSON AT FINE Scheeks: LABOR LABOR MAME CLASS ST OT DT SHIPT MANTIN BANNENA FM S 1/2 edinico M. dd Campo L46 S 12	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SSH73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 edimico M. dd CAMPO L46 S Y2	W.M. Lyles Co. You Box 4377 You Box 4377 TIME & MATERIAL SHEET Project Name SALT MitigAtion Upgrade Project No. SS 1173 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: Image: Strain Son At Fine Scheekstrestrain Scheeks
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2 denico M. dd CAMPO LAG S 1/2	N.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name <u>Salt Mirigation</u> Upgrade Project No. <u>S5173</u> Phase Code <u>900003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneens:</u> <u>ILABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Mantin Bannena FM S V2</u>	W.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2 edenico T. dd CAMPO LAG S 1/2	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name <u>Salt MitigAtion Upgrade Project</u> Project No. <u>SS H73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Screens</u> <u>LABOR</u> <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHOFT</u> <u>Mantin BannenA FM S V2</u>	W.M. Lyles Co. 20 Box 4377 Tresno, CA 93744 Project Name SALT MitigATION UpgRAde Project No. SS 1173 Phase Code 9901003400 Description of Work Relocate Somson At Fine Scheens: LABOR NAME CLASS ST OT DT SHUFT MANTIN BANNENA FM S 1/2 edenico N. dol Campo Labo S 1/2	N.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigATION UpgRAde Project No. SS H73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR LABOR NAME CLASS ST OT DT SHOFT MANTIN BANNENA FM S 1/2 edenico N. dol Campo Labo S 1/2	N.M. Lyles Co. O Box 4377 TIME & MATERIAL SHEET Project Name SALT MitigATION UPGRAde Project Project No. SS 1973 Phase Code 990100340 Description of WORK Relocate SOMSON AT FINE Scheeks: LABOR LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 122	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name SALT MirigATION UpgRAde Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 12- edenico M. dd CAMPO L46 S 12-
LABOR NAME CLASS ST OT DT SHOFT IANTIN BANNENA FM 5 1/2	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name <u>Salt Mitigation</u> Upgrade Project No. <u>SSH73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> Sonson <u>At</u> Fine <u>Scneers</u> : <u>LABOR</u> <u>HANTIN BANNENA</u> FM <u>S</u> <u>V2</u>	N.M. Lyles Co. O Box 4377 Dresno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheeris: LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S 1/2 Labox 1/2	N.M. Lyles Co. 20 Box 4377 Dresno, CA 93744 Project Name <u>SALT MirigATION</u> UpgRAde Project Project No. <u>S51773</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Somson At Fine Screens</u> : <u>LABOR</u> <u>NAME</u> <u>CLASS ST OT DT SHIFT</u> <u>Mantin Bannena FM S 122</u>	N.M. Lyles Co. D Box 4377 Presno, CA 93744 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name SALT MitigATION UpgRAde Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT Mantin BannenA FM S 12-	W.M. Lyles Co. O Box 4377 O Box 4377 TIME & MATERIAL SHEET Project Name SALT MitigAtion Upgrade Project No. SS 1773 Project Name SALT MitigAtion Upgrade Project No. SS 1773 Phase Code 990100340 Description of Work Relocate Sonson At Fine Scheerts: Image: State Sonson At Fine Scheerts: Image: State Sonson At Fine Scheerts: Image: State Sonson At Fine State Image: State Sonson State Image: State So	N.M. Lyles Co. 20 Box 4377 Presno, CA 93744 Project Name SALT MitigATION UP9 RADE Project No. SS 1773 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT Mantin Bannena FM S 1/2
LABOR NAME CLASS ST OT DT SHIFT IANTIN BANNENA FM S 1/2	W.M. Lyles Co. PO Box 4377 ProBox 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Project Name SALT MirigAtion UpgRAde Project Project No. S. 5 1173 Project Name SALT MirigAtion UpgRAde Project Project No. S. 5 1173 Phase Code 9901003400 Description of WORK Relocate Somson At Fine Scheeks: Image: Somson At Fine Scheeks: Image: NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 1/2	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name SALT MitigATION Upg MAde Phogecy Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCNEEMS: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 42	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S 12	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM 5 12	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name <u>Salt Mitigation</u> Upgrade Project No. <u>S51173</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneens</u> <u>LABOR</u> NAME <u>CLASS ST OT DT SHIFT</u>	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name SALT MitigATION UpgRAde Progect Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK ReloCATE SOMSON AT FINE Scheens: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2	W.M. Lyles Co. 20 Box 4377 Pressno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT MANTIN BANNENA FM S V2
LABOR NAME CLASS ST OT DT SHOT	W.M. Lyles Co. 20 Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Stressno, CA 93744 Project Name SALT MittigAtion Upgrade Project No. SS H73 Phase Code 9901003400 Descrimtion of Work Relocate Somson At Fine Scneeks: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigATION UpgRAde Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigATION UpgRAde Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheems: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description of Work Relocate Somson At Fine Scheems: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Stressno, CA 93744 Project Name <u>Salt Mitigation</u> Upgrade Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scneens</u> : LABOR NAME CLASS <u>ST</u> OT DT SHIFT	W.M. Lyles Co. 20 Box 4377 Stresno, CA 93744 Project Name Salt MitigAtion Upghade Project No. SS 1173 Phase Code Mologs 40 Description of work Relocate Sonson At Fine Scheens: LABOR NAME CLASS ST OT DT SHIPT
LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion Upg Ande Project No. SS 1973 Phase Code 990100340 Description of WORK Relocate Sonson At Fine Scneens: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SAT MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>SALT MitigAtion</u> Upg Ande Project No. <u>SS #17-3</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Somson</u> <u>At</u> <u>Fine</u> <u>Scheehts</u> : <u>LABOR</u> NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description of Work Relocate Sonson At Fine Scneents: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigAtion Upgrade Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR NAME CLASS ST OT DT SHIFT	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt Mitigation Upgrade Project No. SS 1173 Phase Code 990100340 Description of Work Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHIFT.	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS H73 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Screens: LABOR NAME CLASS ST OT DT SHOT
LABOR	W.M. Lyles Co. 20 Box 4377 Fresno, CA 93744 Project Name <u>Salt MitigAtion Upgrade Project</u> Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate Sonson At Fine Scheens</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>SALT MirigATION</u> UpgRAde Project No. <u>S51173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>SOMSON</u> <u>AT</u> <u>FINE</u> <u>Scheems</u> : LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SAIT MITIGATION UPGRAde PROJECT Project No. SS 19743 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE SCHEEKS: LABOR	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name <u>SALT MitigATION</u> Upg AADE Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Somson</u> <u>At</u> <u>Fine</u> <u>ScneeptS</u> : LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens: LABOR	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MirigATION Upg AADE Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK RelocATE SOMSON AT FINE Scheeks: LABOR	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upghade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks: LABOR
LABOR	W.M. Lyles Co. 20 Box 4377 Fresno, CA 93744 Project Name <u>SALT MitigAtion</u> Upgrade Project No. <u>SSH73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Sonson</u> <u>At</u> <u>Fine</u> <u>Scneens</u> :	W.M. Lyles Co. 20 Box 4377 Bresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheems: LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>SALT MirigATION Upg RADE Project</u> Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate SOMSON AT FINE Scneems</u> :	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SAIT MitigAtion Upg RAde Project Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks: LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>SALT MitigATION</u> Upg AADE PROJECT Project No. <u>SS 1973</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Sonson</u> <u>At</u> <u>Fine</u> <u>Scneens</u>	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upg RAde Project Project No. SS 11773 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheeks: LABOR	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion UpgRAde Project Project No. SS 1973 Phase Code 990100340 Descrimption of WORK <u>Relocate Sonson At Fine Scneeks</u> :
Kelocate Jakson AT PINE Scheeks	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name Salt Mitigation Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheeks:	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name <u>SALT MitigATION</u> Upg MADE <i>Programs</i> Project No. <u>SS 1173</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> Somson <u>AT</u> Fine Scheens:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Selt MitigAtion Upg RAde Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens:	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upg RAde Project No. S51173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>SALT MirigATION</u> UpgRAde Project No. <u>SSH73</u> Phase Code <u>9901003400</u> DESCRIPTION OF WORK <u>Relocate</u> <u>SOMSON</u> <u>AT</u> <u>FIME</u> <u>Scheems</u>	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigATION Upg RAde PROJECT Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneeks:
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Kelocate Jakson AT PINE Scheeks	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>SALT MirigATION</u> UpgAAde Project No. <u>SS 1173</u> Phase Code <u>490100340</u> Description OF WORK <u>Relocare</u> Somson <u>AT</u> Fine Scneens:	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upg Ande Project Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigAtion UpgRAde Project No. SS 1973 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheenes:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upg AAde Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MITIGATION UPGRAde PROJECT Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks:	W.M. Lyles Co. PO Box 4377 Fressno, CA 93744 Project Name SALT MirigATION UpgRAde Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneens:	W.M. Lyles Co. PO Box 4377 Fressno, CA 93744 Project Name SAIT MitigAtion Upgrade Project Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Sonson At Fine Scneens:
Kelocate Jakson AT PINE Scheeks	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 117-3 Phase Code 990100340 Description OF WORK Relocate Somson At Fine Scheeks:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion Upg RAde Project No. SS 1173 Phase Code 9901003400 Description of Work Relocate Somson At Fine Scneencs:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upg MAde Project No. SS 1973 Phase Code 990100340 DESCRIPTION: OF WORK Relocate Somson At Fine Scheens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigATION UpgRAde Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheems:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upg AAde Project No. SS 1173 Phase Code 9901003400 DESCRIPTION: OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description of WORK Relocate Somson At Fine Scheeks:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion UpgRAde Project No. SS 1973 Phase Code 990100340 Description of Work Relocate Sonson At Fine Scneeks:
Kelocate Jakson AT PINE Scheens	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigATION UpgRAde Project Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks:	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. S51173 Phase Code 990100340 Description OF WORK Relocate Sonson At Fine Scheens:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SAIT MitigAtion Upgrade Project No. SS 1973 Phase Code 990100340 Description of WORK Relocate Somson At Fine Scheens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upg MAde Project No. S5173 Phase Code 990100340 Description OF WORK Relocate Somson At Fine Scheems:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigAtion UpgRAde Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upghade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigATION UpgRAde PROJECT Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneencs:
Kelocate JOASON AT PINE Schleens	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MitigATION UpgRAde Project No. SS 1173 Phase Code 990100340 Description of WORK Relocate Somson AT Fine Scheems:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate Somson At Fine Scheens:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upgmade Project Project No. SS 1173 Phase Code 9901003400 Description OF WORK Relocate Somson At Fine Scheenes:	W.M. Lyles Co. PO Box 4377 Fressno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description OF WORK Relocate Somson At Fine Scheens:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name <u>SALT MirigATION</u> Upg AADE Project No. <u>SFIF73</u> Phase Code <u>990100340</u> DESCRIPTION OF WORK <u>Relocate</u> <u>Somson</u> <u>AT</u> Fine <u>Scneems</u> :	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigATION UpgRAde Project No. SS 1173 Phase Code 990100340 Description of Work Relocate Somson AT Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1973 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneens:
Kelocate JOASON AT PINE Schleens	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MirigATION UpgRADE Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheems:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upgrade Project Project No. SS 117-3 Phase Code 9901003400 Description OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name <u>SALT MitigAtion</u> Upgrade Project No. <u>S5173</u> Phase Code <u>9901003400</u> Description of WORK <u>Relocate</u> Somson <u>At</u> Fine Scneents:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name SALT MitigATION UpgRAde Project Project No. SS 117-3 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scheems:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion UpgMAde Project Project No. SS 1173 Phase Code 990100340 Description of WORK Relocate Somson At Fine Scheems:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion UpgRADE Project No. S51173 Phase Code 990100340 DESCRIPTION OF WORK Relocate Sonson At Fine Scheens:
Kelocate JOASON AT PINE Schleens	W.M. Lyles Co. PO Box 4377 Bresno, CA 93744 Project Name SALT MitigATION UpgRAde Project No. SS 1173 Phase Code 9901003400 Date 10-08-2020 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description of Work Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description of Work Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigATION UpgRAde Project No. SS 1173 Phase Code 990100340 Description of WORK Relocate Somson AT Fine Scheems:	W.M. Lyles Co. PO Box 4377 Fresho, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description OF WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name SALT MirigATION UpgRADE Project No. S51173 Phase Code 990100340 Description of WORK Relocate Somson At Fine Scneens:	W.M. Lyles Co. PO Box 4377 Fresno, CA 93744 Project Name Salt MitigAtion Upg MADE Project No. SS 1173 Phase Code 9901003400 DESCRIPTION OF WORK Relocate SOMSON AT FINE Scheeks:
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	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name <u>SALT MirigAtion Upgrade Project</u> Project No. <u>S51173</u> Phase Code <u>990100340</u> Description OF WORK Project Name <u>Salt MirigAtion</u> Logarcon AT Fills Schemetre	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name <u>SALT MitigATION</u> UpgRAde Project No. <u>SS 1173</u> Phase Code <u>990100340</u> Description OF WORK Project Name <u>Salt MitigATION</u> School WORK	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 117-3 Phase Code 990100340 Description OF WORK Project Name Salt MitigAtion Lygande Project No. SS 117-3 Date 10-08-2020	N.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name <u>SALT MitigAtion Upgrade Project</u> Project No. <u>S51173</u> Phase Code <u>990100340</u> Description OF WORK Release Saucon At Fine San Actif	W.M. Lyles Co. PO Box 4377 Presno, CA 93744 Project Name Salt Mirigarion Upgrade Project No. SS 1173 Phase Code 9901003400 Description of WORK Project No. SS 1173 Date 10-09-2020	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. SS 1173 Phase Code 9901003400 Description of Work Project No. SS 1173 Date 10-09-2020	N.M. Lyles Co. O Box 4377 Presno, CA 93744 Project Name Salt MitigAtion Upgrade Project No. SS 1173 Phase Code 990100340 Description of Work Project Name Salt MitigAtion At Eine Semantic
Plane Gauge Am Eliza Comparis	V.M. Lyles Co. O Box 4377 resno, CA 93744 Project Name SALT MitigAtion UpgAAde Project No. S51173 Phase Code 990100340 Date 10-08-2020 Description of WORK	V.M. Lyles Co. O Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progress Thrangh Performance ¹ Project Name SALT MitigAtion Upgrade Project No. <u>SS 1173</u> Phase Code <u>990100340</u> Date <u>10-08-2020</u> DESCRIPTION OF WORK	V.M. Lyles Co. O Box 4377 resno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. S5/173 Phase Code 990100340 Date 10-08-2020 Description of WORK	V.M. Lyles Co. O Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progress Thrangh Performance Project Name SALT MitigAtion Upg AAde Project No. 55 1173 Phase Code 990100340 Date 10-08-2020 DESCRIPTION OF WORK	V.M. Lyles Co. O Box 4377 resno, CA 93744 Project Name SALT MitigAtion Upgrade Project No. S5/173 Phase Code 990100340 Date 10-08-2020 Description of WORK	V.M. Lyles Co. O Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR Progross Through Performance Project Name SALT MitigAtion Upgrade Project No. S5 117-3 Phase Code 990100340 Date 10-08-2020 DESCRIPTION OF WORK	V.M. Lyles Co. O Box 4377 TIME & MATERIAL SHEET Vesno, CA 93744 Project Name SALT MirigAtion Upgrade Project No. SS 117-3 Phase Code 990100340 DESCRIPTION OF WORK
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roject Name <u>SALT MitigAtion</u> Upgrade Project No. <u>SS1173</u> Phase Code <u>990100340</u> Date <u>10-09-2020</u>	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO. CONTRACTOR	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO. CONTRACTOR
roject Name <u>SALT MitigATION UpgRAde Project</u> No. <u>SSI173</u> Phase Code <u>990100340</u> Date <u>10-09-2020</u>	W.M. Lyles Co. YO Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO.	W.M. Lyles Co. YO Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO.	W.M. Lyles Co. ?O Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO.	W.M. Lyles Co. YO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO.	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO.	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W.M. LYLES CO.	W.M. Lyles Co. PO Box 4377 TIME & MATERIAL SHEET W. M. LYLES CO.
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W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

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RE THOLDS

Date

Charles

Print Name

Title

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PM

Print Name

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12/24/20

MONDRA

Date

W.M. Lyles Co. PO Box 4377 Fresno, CA 93744

Signature

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Date

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TIME & MATERIAL SHEET

W.M. Lyles Co.

Fresno, CA 93744

PO Box 4377



Project Name SALT MitigAT Phase Code 990100330 Fix purp leak (Tempoleary Pump	ION UpgRAde DESCRIPTION C LOCATED AT	Pnosec Fwork Fine	F Project No Dat Scne	о. <u>557</u> e <u>11-16</u> ел(S	173 - 2020
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I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER CLAZ = 36.1

CUSTOMER				W.M. Lyles	Co.	1	
Signature 🤇	hore B	-795		Signature		<u></u>	
Print Name	Charles	REYNOLDS		Print Name	Oschr	Mons	and
Title _		Date	12/24/20	Title	PM	Date	16/24

McMASTER-CARR.

Receipt

Purchase Order	1022ACAYAMA
Paid	\$575.93
Invoice	47567367
Invoice Date	10/22/20

Billed to W M LYLES CO P O BOX 4377 FRESNO CA 93744

Shipped to	Mailing Address	McMaster-Carr
Attention: Armando Cayama W M Lyles Co		PO Box 7690 Chicago IL 60680-7690
Office Trailer 715 W 4TH St	Your Account	89702600
Beaumont CA 92223-2674		

Armando Cayama placed this order.

Line		Product	Ordered	Shipped	Balance	Price	Total
1	4702K62	ASME-Code Fast-Acting Pressure-Relief Valve for Hot Water, 2 NPT Female, Set At 125 PSI	1 Each	1	0	487.92 Each	487.92
2	4881K116	Thick-Wall PVC Plastic Pipe Fitting for Water, Tee Connector, 2 Pipe Size Socket-Connect Female	1 Each	1	0	13.72 Each	13.72
3	4882K918	Thick-Wall Dark Gray PVC Pipe Nipple for Water, Threaded on Both Ends, 2 NPT, 12" Long	1 Each	1	0	16.04 Each	16.04
4	4881K76	Thick-Wall PVC Plastic Pipe Fitting for Water, Straight Connector, 2 Size Socket-Connect Female	2 Each	2	0	5.46 Each	10.92

Merchandise	528.60
Sales Tax	40.97
Shipping	17.75
Total	\$587.32
Invoice Deduction	(11.39)
Payment Received 11/9/20	(575.93)
Balance Due	\$0.00

Packing List	Shipped	Weight	Carrier	Tracking	
4977070-01	10/22/20	24 lb	FedEx	917446857493	Received by R.Aqndo 10/23/20.
4977070-02	10/22/20	4 lb	UPS	1Z0526590102694741	Received by ID Verified 10/23/20.

McMASTER-CARR.

Receipt

Purchase Order	1020ACAYAMA
Paid	\$896.77
Invoice	47416861
Invoice Date	10/20/20

Billed to W M LYLES CO P O BOX 4377 FRESNO CA 93744

Shipped to	Mailing Address	McMaster-Carr
Attention: Armando Cayama W M Lyles Co		PO Box 7690 Chicago IL 60680-7690
Office Trailer 715 W 4TH St	Your Account	89702600
Beaumont CA 92223-2674		

Armando Cayama placed this order.

Line		Product	Ordered	Shipped	Balance	Price	Total
1	4881K117	Thick-Wall PVC Plastic Pipe Fitting for Water, Tee Connector, 3 Pipe Size Socket-Connect Female	2 Each	2	0	18.64 Each	37.28
2	4881K77	Thick-Wall PVC Plastic Pipe Fitting for Water, Straight Connector, 3 Size Socket-Connect Female	6 Each	6	0	13.55 Each	81.30
3	8516T238	Oil-Resistant Compressible Buna-N Gasket with Bolt Holes, for 3 Pipe Size, ANSI 150, 1/8" Thick	3 Each	3	0	3.41 Each	10.23
4	45805K72	Quick-Set Pressure-Regulating Valve for Water, 2 NPT Female Inlet x Outlet	1 Each	1	0	489.79 Each	489.79
5	4881K136	Thick-Wall PVC Plastic Pipe Fitting for Water, Reducer, 3 Socket-Connect Female x 2 Socket-Connect Female	2 Each	2	0	20.53 Each	41.06
6	4882K918	Thick-Wall Dark Gray PVC Pipe Nipple for Water, Threaded on Both Ends, 2 NPT, 12" Long	2 Each	2	0	16.04 Each	32.08
7	4876K27	PVC On/Off Valve for Drinking Water, PTFE/HDPE Seat, 3 Socket-Weld Female, Dark Gray	1 Each	1	0	107.24 Each	107.24
8	3115T22	Strut-Mount Metal Routing Clamp, Zinc-Plated Steel, 3-1/2" ID, 7/64" Thick	6 Each	6	0	2.44 Each	14.64

Merchandise	813.62
Sales Tax	63.06
Shipping	20.09
Total	\$896.77
Payment Received 11/9/20	(896.77)
Balance Due	\$0.00



Receipt

Purchase Order	1020ACAYAMA
Invoice	47416861
Invoice Date	10/20/20

Packing List	Shipped	Weight	Carrier	Tracking	
4831984-01	10/20/20	5 lb	FedEx	917446696819	Received by R.Camaya 10/21/20.
4831984-02	10/20/20	29 lb	UPS	1Z0526590102690601	Received by ID Verified 10/21/20.

Receipt

Purchase Order	1020ACAYAMA
Paid	\$83.65
Invoice	47411292
Invoice Date	10/20/20

Billed to W M LYLES CO P O BOX 4377 FRESNO CA 93744

Shipped to	Mailing Address	McMaster-Carr
Attention: Armando Cayama W M Lyles Co		PO Box 7690 Chicago IL 60680-7690
Office Trailer 715 W 4TH St	Your Account	89702600
Beaumont CA 92223-2674		

Armando Cayama placed this order.

Line			Proc	duct			Ordered	Shipped	Balance	Price	Total
2	4881K6	51	Thic Busl Socl	k-Wall P\ hing Redu ket Femal	/C Plastic Pl ucing Adapte le	pe Fitting for Water, er, 3 Socket Male x 1	1 Each	1	0	15.13 Each	15.13
3	4596K3	14	Thic Red Fem	k-Wall Pla ucing Ada ale	astic Pipe Fi apter, 1 Socl	tting for Water, Bushing ket Male x 1/4 NPT	1 Each	1	0	6.28 Each	6.28
4	4881K6	63	Thic Busl Socl	k-Wall P\ hing Redu ket Femal	/C Plastic Pl ucing Adapte le	pe Fitting for Water, er, 3 Socket Male x 2	1 Each	1	0	15.85 Each	15.85
5	4881K2	6	Thic Shoi Con	k-Wall P∖ rt 90 Deg nect Fem	/C Plastic P ree Elbow C ale	pe Fitting for Water, onnector, 2 Socket	4 Each	4	0	4.40 Each	17.60
6 4882K918		18	8 Thick-Wall Dark Gray PVC F Threaded on Both Ends, 2 N		C Pipe Nipple for Water, 2 NPT, 12" Long	1 Each	1	0	16.04 Each	16.04	
								Merchand	lise		70.90
								Sales Tax	(5.49
								Shipping			7.26
								Total			\$83.65
								Payment	Received 1	1/9/20	(83.65)
								Balance [Due		\$0.00
Pack	ing List	Shippe	ed	Weight	Carrier	Tracking					
4839	622-02	10/20/	20	5 lb	UPS	1Z052659010269170	08 Receiv	ved by ID V	erified 10/2	1/20.	

McMASTER-CARR.

562-692-5911 562-695-2323 (fax) la.sales@mcmaster.com

Receipt

Purchase Order	1020ACAYAMA
Paid	\$48.21
Invoice	47468651
Invoice Date	10/21/20

Billed to W M LYLES CO P O BOX 4377 FRESNO CA 93744

Shipped to	Mailing Address	McMaster-Carr
Attention: Armando Cayama W M Lyles Co		PO Box 7690 Chicago IL 60680-7690
Office Trailer 715 W 4TH St	Your Account	89702600
Beaumont CA 92223-2674		

Armando Cayama placed this order.

Line		Pro	oduct			Ordered	Shipped	Balance	Price	Total
1	4881K1	17 Th Co	ick-Wall P nnector, 3	VC Plastic Pi Pipe Size S	pe Fitting for Water, Tee ocket-Connect Female	e 2 Each	2 2	0	18.64 Each	37.28
							Merchan	dise		37.28
							Sales Ta	x		2.89
							Shipping			8.04
							Total	Total		
							Payment	Received 1	1/9/20	(48.21)
							Balance I	Due		\$0.00
Pack	ing List	Shipped	Weight	Carrier	Tracking					
4839	622-01	10/21/20	5 lb	FedEx	917446712256	Received by F	R.Aqndo 10/2	3/20.		

McMASTER-CARR.

562-692-5911 562-695-2323 (fax) la.sales@mcmaster.com

Receipt

Purchase Order	1006ACAYAMA
Paid	\$852.68
Invoice	46654750
Invoice Date	10/6/20

Billed to W M LYLES CO P O BOX 4377 FRESNO CA 93744

Shipped to	Mailing Address	McMaster-Carr
Attention: Armando Cayama W M Lyles Co		PO Box 7690 Chicago IL 60680-7690
Office Trailer 715 W 4TH St	Your Account	89702600
Beaumont CA 92223-2674		

Armando Cayama placed this order.

Line		Product	Ordered	Shipped	Balance	Price	Total
1	48855K43	Thick-Wall Dark Gray PVC Pipe for Water, Unthreaded, 8 Pipe Size, 5 Feet Long	1 Each	1	0	133.29 Each	133.29
2	4881K973	Thick-Wall PVC Plastic Pipe Fitting for Water, Fixed Flange Cap, 8 Pipe Size	2 Each	2	0	134.67 Each	269.34
3	4881K224	Thick-Wall PVC Plastic Pipe Fitting for Water, Flanged 8 Pipe Size Socket-Connect Adapter	4 Each	4	0	87.51 Each	350.04
				Merchand	ise		752.67
				Sales Tax			58.33
				Shipping			41.68

Payment Received 11/9/20	(852.68)
Balance Due	\$0.00

Total

Packing List	Shipped	Weight	Carrier	Tracking	
4117102-01	10/6/20	47 lb	UPS	1Z0526590102672434	Received by Armando 10/7/20.
4117102-02	10/6/20	48 lb	UPS	1Z0526590102672443	Received by Armando 10/7/20.

\$852.68

OUnited Rentals[•]

Connect mentals	INVOICE
BRANCH LAX 5500 RAWLINGS AVE SOUTH GATE CA 90280-7412 562-904-3680 562-904-1582 FAX	# 187430184-001 Customer # : 416065
BEAUMONT WASTE WATER FACILITY 715 W FOURTH ST BEAUMONT CA 92223-2674 Office: 559-441-1900 Cell: 610-565-6064	Invoice Date : 11/05/20 Rental Out : 10/26/20 03:00 PM Rental In : 11/02/20 03:00 PM UR Job Loc : 715 4TH ST, BEAUMONT UR Job # : BEAUMONT WASTE WATER Customer Job ID: P.O. # : TBD Ordered By : ROBERT BECK Reserved By : NATHAN GETZ Salesperson : NATHAN GETZ
WM LYLES CO PO BOX 4377 FRESNO CA 93744-4377 NOV 1 3 2020 By	Invoice Amount: \$1,834.03 Terms: Due Upon Receipt Payment options: Contact our credit office: 704-916-4843 REMIT TO: UNITED RENTALS (NORTH AMERICA),INC. FILE 51122 LOS ANGELES CA 90074-1122

Qty	Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	PU60145SA camlock fi	PUMP 6" DBA-SILENCER VAC ASSIST - DIESEL Make: BAKERCORP Model: DP66LS-CK74AT Serial: 213665 Meter out: 1055.50 Meter Substituted for: PUMP 6" VAC ASSIST - DIE ttings on pump ends	r in: 1079.90 ESEL	250.00	650.00	1850.00	650.00
2	537/6620 100' total	HOSE 6X50 LAYFLAT DISCHARGE - CAMLOCK		45.00	90.00	270.00	180.00
2	537/2720	HOSE 6X20 TANK TRUCK - CAMLOCK		40.00	80.00	200.00	160.00
1	545/6628	STRAINER 6"		5.00	15.00	30.00	15.00
1	537/1920	HOSE 6X10 RUBBER SUCTION - CAMLOCK		20.00	40.00	100.00	40.00
TEC /	ALCORI L ANDO	UC TERMO.			Rental	Subtotal:	1,045.00
Qty	Item	US TIEMS:		Price	Unit of	f Measure	Extended Amt
3	CA PERSO	NAL PROP TAX REIMB CHARGE [I	DRSURCA/MCI]	7.837	EACH		7.84
-	ENVIRONM	ENTAL SERVICE CHARGE	[ENV/MCI]	13.000	EACH		13.00
-	1 DELIVERY	CHARGE		330.000	EACH		330.00
-	1 PICKUP C	HARGE		330.000	EACH		330.00
					Sales/Misc	Subtotal:	680.84
MMEN	TS/NOTES:				Agreement	Subtotal: Tax: Total:	1,725.84 108.19 1,834.03

13-1.37-32666F21.p01 626146351 6-6 0

RENTAL RETURN

CONTACT: ROBERT BECK

CELL#: 951-858-3060 CONTACT: ROBERT BECK CELL#: 951-858-3060

ARE YOU OR YOUR EMPLOYEES IN NEED OF OPERATOR CERTIFICATION TRAINING? CONTACT UNITED ACADEMY TODAY 844-222-2345 OR WWW.UNITEDACADEMY.UR.COM TRAINING IS NOT AVAILABLE ON CERTAIN EQUIPMENT IN CANADA.

NOTICE: This invoice is subject to the terms and conditions of the Rental and Service Agreement, which are available at https://www.unitedrentals.com/legal/rental-service-terms-US and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

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RENTAL RETURN INVOICE



185005996-004

Customer #	: 416065
Invoice Date	: 10/30/20
Rental Out	: 08/19/20 08:00 AM
Rental In	: 09/29/20 08:00 AM
UR Job Loc	: 715 W FOURTH ST, BEA
UR Job #	: 195
Customer Job	ID:
P.O. #	: 551173
Ordered By	: ROBERT BECK
Reserved By	: YULIANA REYES
Salesperson	: NATHAN GETZ

Invoice Amount: \$755.62

Terms: Due Upon Receipt Payment options: Contact our credit office 704-916-4843 REMIT TO: UNITED RENTALS (NORTH AMERICA), INC. FILE 51122 LOS ANGELES CA 90074-1122

Qty	ITEMS: Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	PU60114	PUMP 6" VAC ASSIST - DIESEL Make: BAKERCORP Model: DP66LS-CK740T Serial: 206460 Meter out: 1292.40 Meter	er in: 1395.20	305.00	755.00	1850.00	305.00
3	537/6620	HOSE 6X50 LAYFLAT DISCHARGE - CAMLOCK		60.00	120.00	275.00	180.00
2	537/2720	HOSE 6X20 TANK TRUCK - CAMLOCK		40.00	80.00	200.00	80.00
1	545/6628	STRAINER 6"		5.00	15.00	30.00	5.00
6	537/1920 * ADDED FR	HOSE 6X10 RUBBER SUCTION - CAMLOCK COM CONTRACT# 185138100 *		20.00	40.00	100.00	120.00
CALEC /	ILCOPILIANDO	UC TREMC.			Rental	Subtotal:	690.00
Qty	Ischilding	US TIEMS:		Price	Unit of	Measure	Extended Amt.
-	CA PERSO	NAL PROP TAX REIME CHARGE	[DRSURCA/MCI]	5.174	EACH		5.17
	ENVIRONM	ENTAL SERVICE CHARGE	[ENV/MCI]	6.100	EACH		6.10

Sales/Misc Subtotal: 11.27

Agreement Subtotal: 701.27 54.35 Tax: 755.62 Total:

COMMENTS/NOTES:

CONTACT: ROBERT BECK CELL#: 951-858-3060

Final Bill: 1 Day From 9/28/20 08:00 AM Thru 9/29/20 08:00 AM

ARE YOU OR YOUR EMPLOYEES IN NEED OF OPERATOR CERTIFICATION TRAINING? CONTACT UNITED ACADEMY TODAY 844-222-2345 OR WWW.UNITEDACADEMY.UR.COM TRAINING IS NOT AVAILABLE ON CERTAIN EQUIPMENT IN CANADA.

NOTICE: This invoice is subject to the terms and conditions of the Rental and Service Agreement, which are available at https://www.unitedrentals.com/legal/rental-service-terms-US and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

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9.1.3666 2 MB 0.436 36613S21.p01 187924 5-5 0



1 PICKUP CHARGE

DELIVERY CHARGE

250.000	EACH		250.00
	Sales/Misc	Subtotal:	508.61
	Agreement	Subtotal: Tax: Total:	989.61 57.33 1,046.94

250.00

EACH

250.000

COMMENTS/NOTES:

1

CONTACT: OSCAR CELL#: 951-757-5282 CALL OSCAR30 MINUTES OUT 619-565-6064 . SITE IS A LITTLE TOUGH TO FIND OSCAR - 619-565-6064

ARE YOU OR YOUR EMPLOYEES IN NEED OF OPERATOR CERTIFICATION TRAINING? CONTACT UNITED ACADEMY TODAY 844-222-2345 OR WWW.UNITEDACADEMY.UR.COM TRAINING IS NOT AVAILABLE ON CERTAIN EQUIPMENT IN CANADA.

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Page: 1

	em et's Solve	Vater	Sold by:	Invoice Branch 017 11161 Harrel Street Mira Loma, CA 91752-1 Tel: 951-681-3636 Fax: 951-332-3679
godwin	O FLY	GT OCT	2 9 2020	
S O L D T O	W M Ly PO Box Fresno	vles Company (4377 , CA 93744-4377		S H W M Lyles Com I Salt Mitigation / P 715 W 4th Stre T Beaumont, CA
Custor	ner PO	Ordered By	Contract Date	Service Contract
55.1	173	Mr. Oscar Mendoza	10-22-2020	217011580
QTY	п	EM		DESCRIPTION
		Screens Projec	t in Beaumont, CA. Thi	s invoice includes 3 hou

details have to be confirmed by a call-back with your respective Xylem contact person.

Remit to: Xylem Dewatering Solutions, Inc. 26717 Network Place Chicago, IL 60673-1267 Phone: 1.855.278.2248 (opt 1)

eet 52-1439 536 579

NOTE:Valued customers, please note the NEW remit address change included on this invoice.

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2020 401045877
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Page 1 of 1

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/ Fine Screens Start-Up	
et	
92223	

#	Sales Representative	Order Taken By	Payment Terms
P. Caller	James O. Rufing	James O. Rufing	Net 30
the second			EXTENDED AMOUNT
art	-up services for the Salt M of no charge standby time	itigation / Fine on 10/22/20.	
	Shipping	Misc. Charges	Taxes
	\$ 0.00	\$ 697.50	\$ 0.00
5 0	of bank account To	otal Invoice	\$ 1,250.00

Sold by:

Invoice

Branch 017 11161 Harrel Street Mira Loma, CA 91752-1439 Tel: 951-681-3636 Fax: 951-332-3679

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ylem Let's Solve Water

godwin⊕

FLYGT

W M Lyles Company	
PO Box 4377	
Ereene CA 02744 4277	

Fresno, CA

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2		J	
C	1)	

SOLD

77 9374	14-4377	F	715 W 4th Street Beaumont, CA 922
Or	dered By	Contract Date	Rental Contract #
Mr. Os	scar Mendoza	10-22-2020	217011578
		DESCRIPTION	
ACK	Ren Godwin 50HP V Goulds 3656 1- PrimeGuard Pre Delivery Zone 2 Environmental F	tal 10/22/2020 Thru FD CP W/CAGE 70AN 1/2" 40HP 3P 460V essure Transducer PX - Rollback	11/18/2020 WP 460V R8 T-300

Rental	
\$ 2,592.00	
	Rental \$ 2,592.00

Order Taken By Customer PO Sales Representative **Payment Terms** 1173 James O. Rufing James O. Rufing Net 30 D/W/M AMOUNT RATE QTY ITEM PER CA50-071 М 1 1 D-2161 М 1 1 М PT-255 1 1 DZONE02ROLLB/ 1 10 ENVFEE 1 NOV 1 9 2020 By Misc. Charges Labor Shipping Taxes \$ 265.00 \$ 11.97 \$ 222.35 \$ 0.00 Important Information: Due to fraud attempts any communication for changes of bank account **Total Invoice** \$ 3,091.32 details have to be confirmed by a call-back with your respective Xylem contact person.

Remit to: Xylem Dewatering Solutions, Inc. 26717 Network Place Chicago, IL 60673-1267 Phone: 1.855.278.2248 (opt 1)

NOTE: Valued customers, please note the NEW remit address change included on this invoice.

Cust. No.	Invoice Date	Invoice No.		
00015587	11-11-2020	401049747		

Page 1 of 1

W M Lyles Company

223

godwin@	Ive Water	Sold by:	Branch 017 11161 Harrel Stre Mira Loma, CA 91753 Tel: 951-681-363 Fax: 951-332-36		
S O L W D PC Fre O	M Lyles Company 9 Box 4377 esno CA 93744-4377		S H W M I I Fine S P 715 W T Beaur O	-yles Co Screens / 4th Str nont, C/	
Customer PO	Ordered By	Contract Date	Completed Date	W/C	
1173	Mr. Oscar Mendoza	11-13-2020	11-13-2020	71	
ITEM		DESC	CRIPTION		
MILEAGE LABOR SERVICETRUC ENVIRONMENTAL	cavitating and rersoly Manual Wo Mileage Labor Standard R Godwin Service T FE Environmental Fee	due to a lack of wa ved the cavitation ork Order LO11131 ate ruck	terthe customer incr retested and checked 630*	eased t	
ALL PAST DUE IN	VOICES ARE SUBJECT TO	O Merchand	dise Lab	or	
1 1/2% PER MO	NTH SERVICE CHARGE	\$ 0.00	\$ 455	.00	

Important Information: Due to fraud attempts any communication for changes or details have to be confirmed by a call-back with your respective Xylem contact

treet 52-1439 636 679 Remit to: Xylem Dewatering Solutions, Inc. 26717 Network Place Chicago, IL 60673-1267 Phone: 1.855.278.2248 (opt 1)

NOTE:Valued customers, please note the NEW remit address change included on this invoice.

Company

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Cust. No.	Invoice Date	Invoice No.
00015587	11-17-2020	401051122

Page 1 of 1

Number	Sales Order Taken B Representative		By Payment Terms
7016764	James O. Rufing	James O. Ru	fing Net 30
	QUANTITY		EXTENDED AMOUNT
-2161. he pump he water ' Reference			
	80	2	.50 200.00
	3.50	130.	.00 455.00
	1	125.	.00 125.00
	1	12.	.50 12.50
		DECE Nov 2 By	1 V E 3 2020
Sh	ipping	Misc. Charges	Taxes
\$	0.00	\$ 337.50	\$ 0.97
of bank acc person.	ount Total	Invoice	\$ 793.47

xyle Let's	Solve Water	Sold by:	Invoice Branch 017 11161 Harrel Street Mira Loma, CA 91752-1439 Tel: 951-681-3636 Fax: 951-332-3679
godwin@	FLYGT	NOV 1 9 2020	
S O L D T O	W M Lyles Company PO Box 4377 Fresno, CA 93744-4377	By	S H W M Lyles Company I 1173 Beaumont P 715 W 4th Street T Beaumont, CA 9222 O

Cu	stomer PO	0	rdered By	Contract Date	Rental Contract #	Sales Re	presentative	Order Taken By	Payment Terms
	1173	Mr.	Robert Beck	10-22-2020	217011577	James	O. Rufing	James O. Rufing	Net 30
QTY	ITEM			DESCRIPTION	N	PER	D/W/M	RATE	AMOUNT
2	HSDS0800500	QDDR	Rer 8" x 50' HD Lay	ntal 10/22/2020 Thru	11/18/2020	1	Μ	634.95	1,269.90
ALL F	PAST DUE INVOIO	CES ARE	SUBJECT TO	Rental	Labor	Sh	ipping	Misc. Charges	Taxes
				\$ 1,269.90	\$ 0.00	\$	0.00	\$ 0.00	\$ 98.42
Impoi	rtant Informati	on: Du onfirm	e to fraud atte ed by a call-ba	mpts any communie ick with your respec	cation for changes of ctive Xvlem contact p	bank acc	ount Tot	al Invoice	\$ 1,368.32

no nave te be contait by a can back man jour respective Ayrein contact p

Remit to: Xylem Dewatering Solutions, Inc. 26717 Network Place Chicago, IL 60673-1267 Phone: 1.855.278.2248 (opt 1)

NOTE:Valued customers, please note the NEW remit address change included on this invoice.

Cust. No.	Invoice Date	Invoice No.
00015587	11-11-2020	401049746

Page 1 of 1

mpany eet 92223 Sold by:

Invoice

Branch 017 11161 Harrel Street Mira Loma, CA 91752-1439 Tel: 951-681-3636 Fax: 951-332-3679

/lem Let's Solve Water

godwin⊕

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- SOL S H W M Lyles Company W M Lyles Company 1173 Beaumont PO Box 4377 D Ρ 715 W 4th Street Fresno, CA 93744-4377 Т
 - Beaumont, CA 92223 т 0

Cu	stomer PO	Ordered By	Contract Date	Rental Contract #	Sales Re	presentative	Order Taken By	Payment Terms
	1173	Mr. Robert Bed	k 10-22-2020	217011577	James	O. Rufing	James O. Rufing	Net 30
QTY	ITEM		DESCRIPTIO	N	PER	D/W/M	RATE	AMOUNT
2 1	HSDS0800500 PZONE02PIC	QDDR 8" x 50' H KUP Pickup Zo	ntal 11/19/2020 Thru 11/2 D Layflat Hose W/QD one 2 - Pickup Truck	25/2020 *Return*	1	w	211.65 140.00	423.30 140.00
ALL P	AST DUE INVOIC	ES ARE SUBJECT T	O Rental	Labor	Shi	pping	Misc. Charges	Taxes
1 1/	2% PER MONTH	SERVICE CHARGE	\$ 423.30	\$ 0.00	\$ 1	40.00	\$ 0.00	\$ 43.66
Impor	tant Informatio	on: Due to fraud	attempts any communic	cation for changes of	bank acco	ount Tot	al Invoice	\$ 606.96

etails have to be confirmed by a call-back with your respective Xylem contact person.

Remit to: Xylem Dewatering Solutions, Inc. 26717 Network Place Chicago, IL 60673-1267 Phone: 1.855.278.2248 (opt 1)

NOTE: Valued customers, please note the NEW remit address change included on this invoice.

Cust. No.	Invoice Date	Invoice No.
00015587	12-01-2020	401053754

Page 1 of 1



Sold by:

Invoice

Branch 017 11161 Harrel Street Mira Loma, CA 91752-1439 Tel: 951-681-3636 Fax: 951-332-3679

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W M Lyles Company
PO Box 4377
Fresno, CA 93744-4377

S H P	W M Lyles Co Fine Screens 715 W 4th St
т	Beaumont, C
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Custo	omer PO	Ordered By	Contract Date	Rental Contract #	Sales Re	presentative	Order Taken By	Payment Terms				
1	173	Mr. Oscar Mendoza	10-22-2020	217011578	James	O. Rufing	James O. Rufing	Net 30				
YT	ITEM		DESCRIPTIO	N	PER	D/W/M	RATE	AMOUNT				
1	CA50-07*	1 Godwin 50HP V	tal 11/19/2020 Thru	12/16/2020								
1	D-2161	Couldo 2050 4		1011 4000 100	1	M						
	D-2101	Goulds 3656 1-	1/2" 40HP 3P 460V		1	M						
1	PT-255	PrimeGuard Pro	essure Transducer PX	T-300	1	M	DER	FIWED				
							By	1 4 2020				
ALL PAS	T DUE INVOICE	ES ARE SUBJECT TO	Rental	Labor	Shir	pina	Misc. Charges	Taxaa				
1 1/2%	PER MONTH S	SERVICE CHARGE	\$ 2,592.00	\$ 0.00	\$ (0.00	\$ 11.97	\$ 201.81				
portan tails h	t Informatio ave to be co	on: Due to fraud atten onfirmed by a call-bac	pts any communic k with your respec	ation for changes of lative Xylem contact pe	bank acco rson.	unt Tota	al Invoice	\$ 2,805.78				

Remit to: Xylem Dewatering Solutions, Inc. 26717 Network Place Chicago, IL 60673-1267 Phone: 1.855.278.2248 (opt 1)

NOTE: Valued customers, please note the NEW remit address change included on this invoice.

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Cust. No.	Invoice Date	Invoice No.
00015587	12-09-2020	401055728

Page 1 of 1

S	lom			Sold by:	Invoice Branch 017			Remit to:	Xylem Dev	watering	g Solutions, Inc.
~y	Let's Solve V	Vater		Μ	11161 Harrel Street fira Loma, CA 91752-14 Tel: 951-681-3636	39			C Phone:	26717 Chicago 1.855.2	7 Network Place , IL 60673-1267 278.2248 (opt 1)
godw	vin@ mig	T			Fax: 951-332-3679		ΝΟΤ	E:Valued custor address	ners, plea change ir	ase note ncluded	e the NEW remit on this invoice.
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	Fresno, T O	CA 9374	44-4377	T O	715 W 4th Street Beaumont, CA 92	223			Page 1	of 1	
Cu	stomer PO	0	rdered By	Contract Date	Rental Contract #	Sales Re	presentative	Order Take	n By	Payr	nent Terms
	1173	Mr. O	scar Mendoza	10-22-2020	217011578	James	O. Rufing	James O. R	ufing		Net 30
QTY	ITEM			DESCRIPTION		PER	D/W/M	RATE		A	MOUNT
			Rental 1	2/17/2020 Thru 01/04	4/2021 *Return*						
1	CA50-07	1	Godwin 50HP	VFD CP W/CAGE 70AN	1P 460V R8	1	М				
1	D-2161		Goulds 3656 1	-1/2" 40HP 3P 460V		1	М				
1	PT-255		PrimeGuard P	essure Transducer PXT	-300	1	М				
1	PZONE02ROL	LBACK	Pickup Zone 2	- Rollback							
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	PAST DUF INVOI	CES ARE	SUBJECT TO	Rental	Labor	Sh	ipping	Misc. Char	ges		Taxes
11	/2% PER MONTH	SERVIC	ECHARGE	\$ 2,592.00	\$ 0.00	\$ 2	265.00	\$ 11.97	-	\$	222.35
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2. Work Force		
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WML Job Truck - Martin			15.184		2	·									Ť		1		1	ž	1			*******	···-	*****	<u> </u>								
WML Excavator JD-350G			20.041														1			×	1														********
WML Water Truck			14.030			T		Γ		[*	*******	1																
WML Forklift Xtreme			32.037			T		1		· · · ·					-1-				1		1						*****	:							
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	FOREMAN'S DAILY REPORT
	** This Form to Be Filled out at the End of Work Shift **
W. M. LYLES C	O. Erroman Washing
CONTRACTOR	Job No: 55-117 3
Progress Through Perform	Date: //- 20 ~ 20
1 Maathar	
Todays Weather: 72 °F	Weather Impact on Work: NO
2. Work Force:	tasons Onerators Employage Elit for Duty Vac VNa
3 Work performed today: (Description	on of Work Activities Equipment light Test Performed Melevisis Descind Tes)
	in of work Activities, Equipment used, rest renomined, Materials Received, Etc.)
MbRZAdd New	filtter to cassetter
Fill Scree	a = A-La Sparts in Aluno
	a rac supports to promp.
4. Extra Work or Potentially Disputed	Work Performed:
· ·····	N/A
5. Items of Concern or Comments:	
······································	
	SAFETY OBSERVATIONS/SUGGESTIONS FROM EMPLOYEES
Name:	Safety Concern:
Corrective Action Taken:	
Name:	Safety Concern:
Corrective Action Taken:	
Nomo	NEAR MISS of CLOSE CALL INCIDENTS
Further Discussions or Corrective Ar	Description: tions:
Name:	Description:
Further Discussions or Corrective Ac	tions:
	MPLOYEES RECOGNIZED FOR SAFE WORK PRACTICES/ATTITUDES
Name:	Verbal Handout
Reason:	
Name:	D Verbal D Handout
Reason:	
"Take 2" End of Day Debriefing/Tomo	END OF SHIFT SAFETY
Reported <u>ALL</u> Injuries: Yes No	(If Yes, Fill out Accident Report and Notify Project Safety Team)
Reported ALL Neg/Misses or Close (Calls: Yes No X (If Yes, Fill out Incident Report)
Martin Lana	
Foreman Signature:	
	OFFICE USE ONLY
RA I	Daily Job Safety Analysis Near Miss/Close Call Incidents
Approving Manager Signature:	Ually Work Recap Employee Recognition Safety Observations/Suggestions G End of Shift Safety Observations
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Daily Time Sheet	9,599				
Date: OI OG 21 SMTWTFS Job No.: 55.1173 Job Name: Salt Mitigation Upgrade Project Location: Beaumont Weather: CLGAM	49000000000000000000000000000000000000	PLE GRATIN'S		ExcarTitencia faceperition Torris Carapteted, _tes _46 nod Space Entry Fermi Camplated, _tes _46 fold faceperition Tag Completedtosfold face for Subsistence Travel / Subsistence	Rest Period Lunch Break Rest Period Accident / Injuries PM/PE Approval
Weather Impact: NOWE				Re Scaf	
NameEmp NoClassTommie McMillien2070FMTyler Hunley2148Carp	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	T ST OT ST OT ST	TOT STOT STOT S	Total Start TOT ST OT DT Amount Time COT ST OT DT Amount 6:30 COT ST OT DT Amount 6:30	Stop Employee Time AM PM E Signature 3.60 VEV Ch. hullie 3.00 VEV TH-M
Gilbert Majana 4247 Ap Carp	6 [[B 6:30	3.00 NV 8- Gulian
Ноил	Totals (8 3	13		24	
Equipment Description Eq	uip# Hours Hour	Hours Hours He	ours Hours Hours F	Hours Total Notes (Materials Received	, Tests Performed, Etc):
WML Foreman Huck	5 1 98 7			- B A DANNY MA	RTE, (NO WER)
WMI Forklift Xtreme	2 0 3 7	- <u> </u>			
WMI Crane Link Belt 80 Ton	1 0.28				
WML Compresor 4	0.094				:
WML Scissor Lift 7	7.011	··			
WML Scissor Lift 7	7.012				······································
WML Scissor Lift 7	7.024				
WML Scissor Lift 7	7.025	···			·····
WML Forklift JLG 3	2.029				: :
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Equi	Totals		<u> </u>	10 Choh	Juli

	FOREMAN'S DAILY R	EPORT
	** This Form to Be Filled out at the End of 	f Work Shift **
W. M. LYLES CO		Foreman: Tom Manuical Job No: 551173
Progress Through Performant	<u></u>	Date:
1. Weather: Todays Weather: <u>66</u> °F	Weather Impact on Work: <u>//</u>	INVE
2. Work Force: Laborers Carpenters ² Mas	ons Operators	Employees Fit for Duty: Yes 4 No
3. Work performed today: (Description	of Work Activities. Equipment Used Test Pe	stormed, Materials Received. Etc.)
RUN WARE LINE &	IN STALL & PLATES FOR	WARD TEST, BRAKE DOWN.
Letter ping & Lots	OU TRUCK FOR GODWIU	PIMP Systems, WSTALL GRATING
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4. Extra Work or Potentially Disputed W	ork Performed:	
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5. Items of Concern or Comments: A	//14	;
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	SAFETY OBSERVATIONS/SUGGESTIONS I	FROM EMPLOYEES ALLA
Name:	Safety Concern:	
Nomei	S6.4. 0	
Corrective Action Taken:	Satety Concern:	
	NEAR MISS or CLOSE CALL INC	
Name:	Description:	
Further Discussions or Corrective Actio	<u>ns:</u>	
Name:	Description:	······································
Further Discussions or Corrective Actio	ns:	
Name: Tuling Linking	LOYEES RECOGNIZED FOR SAFE WORK F	PRACTICES/ATTITUDES
Reason: TRUSTWORDTY		
Name:		끄 Verbal 끄 Handout
Reason:		
	END OF SHIFT SAFETY	
"Take 2" End of Day Debriefing/Tomorro	w Pre-Plan Completed: Yes No	
Reported ALL Injuries: Yes / No	(If Yes, Fill out Accident Report and No	blify Project Safety Team)
Reported <u>ALL</u> Near Misself or Close Cal	ls; Yes No (If Yes, Fill out Incid	dent Report)
Foreman Signature:		* •
	OFFICE USE ONLY	
	Daily Job Safety Analysis Daily Work Person	Near Miss/Close Call Incidents Employee Recognition
Approving Manager Signature:	Safety Observations/Suggestions	Employee Recognition End of Shift Safety Checklist

Daily Time Sh	W. M. cor	LYLES C	xo.	20	2	161	9	N C	I.	ļ		، 4					VIN					-	:					-	
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Job No.: 55.1173	_			8	~ e	Ð	11	3	6		Γ			1		1	n Conp	eled:	Ť		torace ica			iod.	reak	20 D	prov	. ()	
Job Name: Selt Mitigation Upgrade Pro	piect			5	Ŋξ	1	$\overline{0}$	~	5		F		-				on Forr	Compl	ngialad	·	ubsis X Sil			st P.	а Чо	st F	EAC	H	
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WML Foreman Truck - Martin			17.215	2		2	2		2					ours	+	015	Č	>	NOIEs	(Mate	nals R	aceived,	Tests Pe	rfon	ned,	Etc)	;		
WML Job Truck - Martin		_	15.184	T (1	1	`	¥			****		•	+		1-2	3	<u> </u>		····		·						
WML Excavator JD-350G			20.041	_			1							······	-		- 9	<u>A</u>	<u> </u>										
WML Water Truck			14.030				1			-							†	<u>-</u>		~			···						
WML Forklift Xtreme			32.037				1			1						****	+		 		i			·				Maanaa ahaa ahaa ahaa ahaa ahaa ahaa aha	
WML Loader John Deere 644.	J		35.064							1					•				<u> </u>			·							
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WML Back-Hoe CAT			30.033								T								1				<u> </u>						
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	FOREMAN'S C	AILY REPORT
W. M. LYLES CONTRACTO	S CO.	Foreman: Martin baren Job No: 55-1173
Progress Through Post	formance"	Date: 2-/7-21
1. Weather: Todays Weather; <u>></u> °F	Weather Impact on Wor	ke <u>NO</u>
2. Work Force: Laborers <u></u> Carpenters <u></u> 3. Work performed today: (Desc	Masons Operators1 ription of Work Activities, Equipment Us	Employees Fit for Duty: Yes X No
16° Nł	W- EXCAVATE INSTRI Pipe	
		·
4. Extra Work or Potentially Dis	outed Work Performed:	
	1	J/A
5. Items of Concern or Commen	ts:	
Name:	SAFETY OBSERVATIONS/SUG Safety Concern:	3ESTIONS FROM EMPLOYEES
Corrective Action Taken: Name: Corrective Action Taken:	Safety Concern:	N/A
Name:	NEAR MISS or CLOS Description:	E CALL INGIDENTS
Further Discussions or Correct	ve Actions:	
Further Discussions or Correcti	ve Actions:	
Name: Reason:	EMPLOYEES RECOGNIZED FOR SA	FE WORK PRACTICES/ATTITUDES
Name: Reason:		Uverbal Handout
"Take 2" End of Day Debriefing/ Reported <u>ALL</u> injuries: Yes Reported <u>ALL</u> Near Misses or Cl Maut, ham Foreman Signature:	END OF SHI Fomorrow Pre-Plan Completed: Yes _X _ No _X (If Yes, Fill out Accident Re ose Calls: Yes No _X (If Yes, I	FT SAFETY No port and Notify Project Safety Team) Fill out Incident Report)
A	ØFFICE U	
Approving Manager Signature:	Daily Work Recap Safety Observations/Suc	Employee Recognition End of Shift Safety Checklist

Daily Time She	W. M. cox	LVLES	CO.	9	Sel	1	Y		କୁ ଜୁନୁ				, 	- ا ۱۰۰۱	[V			·				· · · · · · · · · · · · · · · · · · ·						<u>.</u>	
Date: 2-18-21	SM T	••• <u>s</u> te Perfs W (Ť)F S	0	tr ev	40	6	4	A dro											Ind Yos	YES AVA	÷										ਜ		
Job No.: 55.1173	-			1	S	Ĥ	الآر	5	ह	··	Ì	•••••								i Comple	oted:	Yey		apue	ca			rkođ	reak	pol		prové		
Job Name: Salt Mitigation Upgrade Pro	- oject			6	124	5	ž	ō	ধ		ŀ									tun Fore	s Comple	mpfoled	 	lstedue	or Sili			st Pe	nch B	st Pe	rries	₹ LEAp	Y	
Location: Beaumont				$\neg o$		0		\overline{o}	2		ŀ						-			o Inspect	the frence	9 Tag Ce	<u> </u>	avel I s	t past			Re		й,	Ť	J/Wd	- And	
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Weather Impact: NO				3	12	8		3	3											Ęxe	Conflipted 2	Scaffold (Respi						No Act			
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Name Martin Barrera	Emp No 2129	Class	Rate	ST @	or	ST	от	ST	οŢ	ST	от	ST	от	ST	07	ST	σт	ST	от	ST	OT	ΤC	Am	ount		Time	Time	AM		PM	<u>B</u>	Sig	jnature	
Federico Martin del Campo	2166	Lab		Ŕ									-			 				0						6.00	2:30	<u>X</u>	Кł	4	16	W/a	R	<u>_</u>
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WML Foreman Truck - Martin			17.215		<u>3</u>	ļ	<u></u>														8						:							
WML JOD TRUCK - Wartin			15.184	é	<u> </u>	ļ								ļ		<u> </u>					2						:						·	
WML Excavator JD-350G	·•		20.041				<u></u>					 	·····	<u> </u>				ļ		L	_	ļ				-								
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	FOREMAN'S DAIL	Y REPORT
W. M. LYLES		Foreman: Marth barre
CONTRACTOR		Job No: 53-1173
Progress Through Perform	unuse	Date: 2-18
1. Weather: Todays Weather: <u>70</u> °F	Weather Impact on Work:	Jð
2. Work Force:		
3. Work performed today: (Descrin	Masons Operators	Employees Fit for Duty: Yes X. No
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Name: Reason:		🛄 🖸 Verbal 🗖 Handout
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	END OF SHIFT SA	FETY
"Take 2" End of Day Debriefing/Ton	iorrow Pre-Plan Completed: Yes X	
Reported <u>ALL</u> Injuries: Yes N	• A (If Yes, Fill out Accident Report an	nd Notlfy Project Safety Team)
Reported <u>ALL</u> Near Missed or Close	Calls: Yes No (If Yes, Fill our	t Incident Report)
Foreman Signature:		*
	OFFICE USE ON	LY
(And and a second secon	Daily Job Safety Analysis Daily Work Person	Near Miss/Close Call Incidents
Approving Manager Signature:	Safety Observations/Suggestic	ons D End of Shift Safety Checklist

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City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project

Technical Justification:

PCO-55	
Design Adjustment:	
WML COP-062	MBR RAS Pumps – Po

MBR RAS Pumps – Potable Water Backup Seal Water System

Reason for Design Changes:

The MBR RAS Pumps require seal water to lubricate the seals on the vertical turbine pumps. Alone with delivering pretreated aerated RAS to the MBR system these pumps are critical to producing non-potable water for all plant operations. In situations of prolonged downtime of the MBR system or low pressure on the non-potable water supply a backup supply of water is needed to restart the MBR process.

Design and Scope Changes:

• The contractor shall procure and install additional underground and above ground piping, fittings and a backflow device to prevent cross contamination of the potable water supply system as directed by MWH. The backflow device shall be installed inside the MBR Building with suitable fittings and isolation valving for connection to the existing seal water system.

Cost Impact:

MWH has reviewed the attached WML cost proposal and find it acceptable. Accordingly, MWHC recommends a contract cost increase of **\$11,721.54** to be executed in a change order for the modifications requested.
CITY OF BEAUMONT WWTP SALT MITIGATION UPGRADE PROJECT

CHANGE ORDER PROPOSAL (COP) # 062 (By Contractor)

To (Engineer/CM):	From (Contractor):
MWH Constructors	W.M. Lyles Co.
Attention: Charles Reynolds	Attention: Oscar Mendoza
Phone: 702-497-8024	Phone: 619-565-6064
Email: Charles.w.reynolds@stantec.com	Email: omendoza@wmlylesco.com
• •	
PCO/DCM No.: 062	
Subject: 2" Potable Water Install at MBR	
Reference Documents: Attached	
DESCR	IPTION
This COP is to add the 2" potable water line and backflo hose bib will be added to the north side of the road outsi building and connect to the NPW inside with a backflow	ow preventer on the north side of the MBR building. One de of the building and this will tee off to enter the preventer.
COST ES	TIMATE
Total Cost: \$ 11,721.54. – see attached breakdown.	
SCHEDUL	E IMPACT
N/A	
Received by MWH Constructors (Date):	

RESPONSE	
Destroyee Dev	Deter
Kesponse By:	Date:

Final Distribution: Oscar Mendoza, W.M. Lyles Co. Brian Knoll, Webb Associates MWH Inspector

W. M. Lyles Co. 42142 Roick Drive Temecula, CA 92590

7/13/2021

Reference #:

Attention:

Charles W. Reynolds

City of Beaumont WWTP Salt Mitigation Upgrade Project

DESCRIPTION:

2" Potable Water Install

Item:		Unit	Total MH	Tota	al MH Cost	Eq.	Cost	Mat	erial	Sub	cont.	Tota	l Cost
1	2" Potable Water Install	1 LS	61.5	\$	5,070.36	\$	1,229.90	\$	3,791.46	\$	-	\$	10,091.72
2		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
3		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
Total	Costs		61.5	\$	5,070.36	\$	1,229.90	\$	3,791.46	\$	-	\$	10,091.72

Mark-up - Subcontractor	5%	\$	-
Mark-up - Subcontractor Bond	5% 1.0%	\$ \$	- 116.05
Total This Change Order		\$	11,721.54

Comments:

City of Beaumont WWTP Salt Mitigation Upgrade Project

2" Potable Water Install

1/27/2021

	Descri	ption			La	b Pipe	FM	La	ab Pip	е	C	Operat	tor	C	arp F	М		Carp			Lab		Ce	ment	Maso
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Lab Pipe FM	\$80.34		\$107.19	\$134.03		18	0.5	0			\$1,49	99.79													
Lab Pipe	\$77.73		\$103.27	\$128.79		33	0.5	0			\$2,6	16.65													
Operator	\$98.67		\$131.84	\$165.00		9	0.5	0			\$95	53.92													
Carp FM	\$87.32		\$117.91	\$148.48		0	0	0			. 5	60.00													
Carp	\$83.44		\$112.07	\$140.71		0	0	0			5	60.00													
Lab	\$74.26		\$98.07	\$121.86		0	0	0			5	60.00													
Cement Mason	\$80.42		\$105.60	\$130.78		0	0	0			5	60.00													
						60	1.5	0					•												
						To	al La	bor =		9	5.07	0.36													

	Description	17.230.	15.182	17.215	15.184	30.048		
T&M Ticket 6/	2/2021	1				1		
T&M Ticket 6/	2/2021			3	1			
T&M Ticket 6/	1/2021	8	2			8		
T&M Ticket 6/	7/2021	4	2					
T&M Ticket 6/	9/2021	2	1					
		15	3	3	1	9	0	0
Number	Description	Rate	Hours	Extension				
17.230.	1/2 Ton PickupChevy1500 Crew Cab	\$29.60	15	\$444.00				
15.182	Gang TruckChevy3500 Service Bed	\$29.60	3	\$88.80				
17.215	1/2 Ton PickupChevy1500 LS Ext Cab 2WD	\$29.60	3	\$88.80				
15.184	Gang TruckChevy3500 Service Bed	\$29.60	1	\$29.60				
30.048	Loader Backhoe 410John Deere410L	\$64.30	9	\$578.70				

Total Equipment =	31				
	\$1,229.90				
C. Materials					
Quantity Unit Price	Extension				
2" Backflow Preventer 1 ea \$ 909.51	\$909.51				
1" SST Pipe - 5' 1 ft \$ 99.20	\$99.20				
1" SST 90 Bend 1 ea \$ 17.42	\$17.42				
1" SST Ball Valve 1 ea \$ 52.75	\$52.75				
1" x 1/2" Bushing Reducer 1 ea \$ 10.28	\$10.28				
1" Thd NPT to Hose Adaptor 1 ea \$ 10.00	\$10.00				
2" SST Ball Valve 4 ea \$ 122.50	\$490.00				
2" x 1" Bushing Reducer 1 ea \$ 27.09	\$27.09				
2" HDPE to SST Transition 2 ea \$ 61.88	\$123.76				
Double Strut - 2' 1 ft \$ 51.28	\$51.28				
2" Rigid Pipe Clamp 4 ea \$ 7.59	\$30.36				
▶" HDPE - 40' 1 ft \$ 165.60	\$165.60				
.4" x 2" HDPE Tee 1 ea \$ 39.60	\$39.60				
2" HDPE - 40' 1 ft \$ 51.20	\$51.20				
2" HDPE 90 Bend 2 ea \$ 5.91	\$11.82				
'4" x 2" HDPE Reducer 1 ea \$ 11.64	\$11.64				
4" HDPE 90 Bend 2 ea \$ 18.61	\$37.22				
2" SST 90 Bend 4 ea \$ 50.36	\$201.44				
1-1/2" SST Tee 1 ea \$ 66.10	\$66.10				
2" SST Thd Union 2 ea \$ 81.08	\$162.16				
Unistrut Channel - 5' 1 ft \$ 78.47	\$78.47				
Strut Channel Floor Mount 2 ea \$ 161.19	\$322.38				
2" X 1-1/2" Busning Reducer 1 ea \$ 31.73	\$31.73				
2" SST Pipe - 10" 1 πt \$ 324.33	\$324.33				
1-1/2" SST Pipe - 3" 1 ft \$ 85.91	\$85.91				
1-1/2" SSt Ball Valve 1 ea \$ 122.50	\$122.50				
Tax 7.750%	\$257.71				
Subtotal	\$3,791.46				
	\$2 704 46				

TIME & MATERIAL SHEET



Project Name City of Baumont Wint State Mintgation Phase Code 99.010.0450 Project No. 55.1173

Date 06/01/2021

DESCRIPTION OF WORK Excavated for 2" PW, Aused + "Installed HOPE p.pe, in Stalled Soli pipes + values

LABOR

NAME CLASS ST OT DT SHIFT

Ernesto Velasquet	FM	8	١	
Jaime Pantoja	Labor	8	12	
Jose Mendory Podriduez	Labor	8	1/2	
Lichard brosser	Operator	8	VI2_	
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	EQUIPMEN	NT.		an an the second second

DESCRIPTION EQUIP. NO. QTY HRS SHIFT

FM Truck	17.450	1	8	
Job Truck	15.182	\ \	2	
JD BULLAUE	30.048	١.	8	

MATERIAL

DESCRIPTION QTY UM

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CUSTOMER		D	١	W.M. Lyles 🤇	io. Do	ə 11	7
Signature	Charle	Kandor		Signature 🗋	mother	Alle	n
Print Name	Charles	REYNOLDS	F	Print Name	Samanth	1 2064	oms
Title	<u>NE</u>	Date	7/16/21	Title 🧹	F.E	Date	67/15/21

Rast Period No Accident / Injuries PM/PE Approvel	V G Employee PM E Signature	A CLO A	the Acmed						c, Etc):															
Kast Period Lunch Break	Stop Time Ax	8.8	9100		 				ests Pérforme		9	: 11:					•	41	e,	1 <u>1</u>				روس به
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M M I	Emp No 1926	2611							05		350G LC		2		- -									
Daily Time S	Kame Etnesto Velasquez Vaitrie Pantoia	Jose Mendoza Rodriguez Richard Grosser						<u>Equipment Description</u> MANAL Common Tours	WWL Job Truck - Emesto	WML Backhoe CAT	WML Excavator John Deere	WML Loader John Dears SA	WML Water Truck	WML Forkift Xtreme	WML Crane Link Belt 80 Tor	WWL Forldift JLG	WWIL CAT EXC		VV NIL- 1 AKEUCDI MINI EXO					

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TIME & MATERIAL SHEET



SHIFT

Project Name Ciny of Beaumon win Bit Mityation Upgreule Phase Code 99.010.0450 Project No. 55.113 Date 06/02/1021 DESCRIPTION OF WORK

Backfill potable water trench to city tie-in

LABOR

NAME CLASS ST OT DT Ernesto Velasquez ١ FM T Inime Pantoja Lab ī Jose Mondora Padviguer Richard Grosser Lab ١ Oper.

EQUIPMENT DESCRIPTION ОТҮ HRS EQUIP. NO. SHIFT FM Truck Backhoe JD 17.230 ١ 30.048

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Signature	Chorles	Jenned.	; 	Signature	Samafle.	loffin)
Print Name	Charles	RETHOLDS		Print Name	Samantha	Fobbins	
Title	RE	Date	6/7/21	Title	<u>F.E.</u>	Date (06/04/2021

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TIME & MATERIAL SHEET



Project Name <u>City & Beaumon wart Sile Miniquition Upquelle</u> Phase Code <u>99.010.0450</u> DESCRIPTION OF WORK

2" potuble water bypass in MBR

LABOR

NAME CLASS ST OT

DT SHIFT

Martin Barrera	0FM	3			
Frederico Martin del Campo	Lab	3			
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	FOURM	INT			
DESCRIPTION	EQ	UIP. NO.	QTY	HRS	SHIFT
FM TYULL	17	.216	1	3	
Job Truck		6.184	\	1	
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e Martin (1997) e la companya de la companya de la companya de la companya de la companya de la companya de la				1	<u> </u>

CUSTOMER	ol o P	đ		W.M. Lyles	Co.		,
Signature	Charle Fez	nold		Signature	Somether	Koffe	2
Print Name	Challes	PETHON		Print Name	Samanthe	2 Prob	bins
Title _	<u> 2.E</u>	Date	6/7/21	Title	ŦĒ.	Date	06/04/2021

TIME & MATERIAL SHEET



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Project Name City of Beauvinor Will Salt Mitigation P Phase Code 99.010.0450

Project No. <u>55.1175</u> Date 06/07/41

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LABOR

NAME CLASS ST OT DT SHIFT

Eresto Valasquet	FM	4	
Trime Pantoja	Labour	2	
Tose Mon Loza Rodviguez	Labor	8	
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DESCRIPTION EOUIP, NO. OTY HRS SHIFT

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FM Truch	17.230	1	4	
Job Truck	15.182	1	2	
	MATERIAL			
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Signature	hour 200	lor.		Signature	Smoth 1	obler	<u> </u>
Print Name	Charles FEM	0105		Print Nam	Samant	a Robb	oms
Title	DE	Date	7/16/21	Title	FE	Date	<u>07/15/WU</u>

Phase Code 99.010.0450	DESCRIPTION	J DE WORK	– Da	ite 06/09	1202
			,,,,		····
	LAROS	•			
NAME	CLASS	ST	OT	DT	SH
Erwesto Verasquez	<u>- 7M</u>	<u>'L</u>			
Jose Mendora Rodviguer	Labor	1			
DESCRIPTION	EQUIPME EQU	NI IIP. NO.	ΟΤΥ	HRS	SH
FM Truch	17.9	30	1	1	
Job Truck	15.1	182	١	<u> </u>	
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	MATERIA	<u> </u>			
DE	SCRIPTION			QTY	U

CUSTOME Signature	R Charle	Panoloc	·	W.M. Lyles Signature	co. Suvoli I	Coblin	2
Print Nam	e Charler	REYMOLD S		Print Name	Samant	tro Rob	bus
Title	RE	Date	7/10/21	Title	F.E.	Date	07/15/11



City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project

Technical Justification:

PCO-57	
Design Adjustment: WML COP-059 CLAR-41	8" WAS Additional Piping, Valves & Influent Mods to Sludge Holding Tanks

Reason for Design Changes:

The feed of WAS from the MBR building to the modified sludge holding tanks is to be modified to prevent the trapping air in the underground piping system and to feed the two sludge holding tanks independent of the centrifuge feed pumping station.

Design and Scope Changes:

- The contractor shall procure additional piping, tank isolation valves and fittings necessary to complete the design changes as outlined in the attached Clarification No.41, (See attachment).
- The contractor shall also make all necessary modifications to the sludge holding tanks by core drilling for holes for new 8" discharge piping and 4" launder drains.

Cost Impact:

MWH has reviewed the attached WML cost proposal and find it acceptable. Accordingly, MWHC recommends a contract cost increase of **\$37,567.40** to be executed in a change order for the modifications requested.

CITY OF BEAUMONT WWTP SALT MITIGATION UPGRADE PROJECT

CHANGE ORDER PROPOSAL (COP) # 059 (By Contractor)

To (Engineer/CM):	From (Contractor):						
MWH Constructors	W.M. Lyles Co.						
Attention: Charles Reynolds	Attention: Oscar Mendoza						
Phone: 702-497-8024	Phone: 619-565-6064						
Email: Charles.w.revnolds@stantec.com	Email: omendoza@wmlylesco.com						
PCO/DCM No.: 059							
Subject: 8" WAS Re-Route to Solids Holding Tanks							
Reference Documents: Attached							
DESCRIPTION							
This COP is to modify the 8" WAS to Solids Holding T existing clarifier tank influent and a riser will be installe	ank Re-Route. Influent for these tanks will bypass the d at each tank.						
COST E	TIMATE						
Total Cost: \$ 57,507.40. – see attached breakdown.							
SCHEDUL	E IMPACT						
N/A							
Received by MWH Constructors (Date):							

RESPONSE	
D D	D (
Kesponse By:	Date:

Final Distribution: Oscar Mendoza, W.M. Lyles Co. Brian Knoll, Webb Associates MWH Inspector

W. M. Lyles Co. 42142 Roick Drive Temecula, CA 92590

7/13/2021

CLAR - 41

Reference #:

Attention:

Charles W. Reynolds

City of Beaumont WWTP Salt Mitigation Upgrade Project

DESCRIPTION:

8" WAS C/O Re-Route

Item:		Unit	Total MH	Tot	tal MH Cost	Eq.	Cost	Ма	terial	Sub	ocont.	Total Cost	
1	8" WAS C/O Re-Route	1 LS	162	\$	13,420.72	\$	4,044.02	\$	14,879.12	\$	-	\$	32,343.87
2		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
3		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
		1 LS	0	\$	-	\$	-	\$	-	\$	-	\$	-
Total	Costs		162	\$	13,420.72	\$	4,044.02	\$	14,879.12	\$	-	\$	32,343.87

Subtotal		\$ 32,343.87
Mark-up - Labor	15%	\$ 2,013.11
Mark-up - Equipment	15%	\$ 606.60
Mark-up - Materials	15%	\$ 2,231.87
Mark-up - Subcontractor	5%	\$ -
Bond	1.0%	\$ 371.95
Total This Change Order		\$ 37,567.40

Comments:

City of Beaumont WWTP Salt Mitigation Upgrade Project

8" WAS C/O Re-Route

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\$13,420.72

\$4,044.02

Description	la	h Pine	FM		ah Pin	e	C	nerat	for	C	arn Fl	M		Carn			Lah		Ce	ment I	Jason
	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT	ST	PT	DT
T&M Ticket 3/30/21	8			16			8														
T&M Ticket 4/8/21	4			8			4														
T&M Ticket 4/23/21	4			8			4														
T&M Ticket 4/27/21	4			8			4														
T&M Ticket 5/3/21										3			6								
T&M Ticket 5/5/21										2			4								
T&M Ticket 5/6/21										2			4								
T&M Ticket 5/26/21	7			16																	
T&M Ticket 6/21/21										8			8								
T&M Ticket 6/23/21										4			4								
T&M Ticket 5/27/21	1			8			4														
T&M Ticket 6/17/21																					
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		Itale				Tioui	>	
Name	ST	PT		DT	ST	PT	DT	Extension
Lab Pipe FM	\$80.34	\$1	07.19	\$134.03	28	3 0	0	\$2,249.63
Lab Pipe	\$77.73	\$1	03.27	\$128.79	64	0	0	\$4,974.59
Operator	\$98.67	\$1	31.84	\$165.00	24	0	0	\$2,368.00
Carp FM	\$87.32	\$1	17.91	\$148.48	19	0	0	\$1,659.08
Carp	\$83.44	\$1	12.07	\$140.71	26	6 0	0	\$2,169.43
Lab	\$74.26	\$	98.07	\$121.86	C	0 0	0	\$0.00
Cement Mason	\$80.42	\$1	05.60	\$130.78	C	0 0	0	\$0.00
MR FM	\$88.19	\$1	19.10	\$150.01	1	0	0	\$88.19
					162	2 0	0	

Provide credit for labor. See comment below.

D. Equipinoni

D. Subcontractor

	Description	17.230.	15.182	20.041	20.037	18.305	30.048	18.311
T&M Ticket 3	/30/21	8	2	2	3	1		
T&M Ticket 4	/8/21	4	2	4	8	1		
T&M Ticket 4	/23/21	4	1				5	
T&M Ticket 4	/27/21	4	1			1	4	
T&M Ticket 5	/3/21							3
T&M Ticket 5	/5/21							2
T&M Ticket 5	/6/21							2
T&M Ticket 5	/26/21	7	2					
T&M Ticket 6	/21/21							8
T&M Ticket 6	/23/21		-					4
T&M Ticket 5	17/21	1	2				4	
Totivi Hicket 0.	11/21	07	0	C.	44	2	40	10
		21	°	0		3	13	19
Number	Description	Rate	Hours	Extension				
17.230.	1/2 Ton PickupChevy1500 Crew Cab	\$29.60	27	\$799.20				
15.182	Gang TruckChevy3500 Service Bed	\$29.60	8	\$236.80				
20.041	ExcavatorJohn Deere350GLC	\$151.12	6	\$906.72				
20.037	Mini ExcavatorTakeuchiTB260	\$35.70	11	\$392.70				
18.305	1 Ton Gang TruckFordF350 Ext Cab	\$29.60	3	\$88.80				
30.048	Loader Backhoe 410John Deere410L	\$64.30	13	\$835.90				
18.311	1 Ton TruckFord Crew Cab 2WD	\$29.60	19	\$562.40				
15.198	Gang TruckDodge5500	\$38.38	5	\$191.90				
17.275	1/2 Ton PickupChevy1500 Crew Cab	\$29.60	1	\$29.60				
			93					

Total Equipment =

Total Labo

C. Materials					
	Quantity	Unit	Pric	e	Extension
1" SST Ball Valve	2	ea	\$	149.04	\$298.08
1" GSP Pipe - 21'	1	ft	\$	88.13	\$88.13
1" GSP 90 Bend	4	ea	\$	8.35	\$33.40
Adjustable Pipe Support	2	ea	\$	167.50	\$335.00
8" DIP Glass Lined Spool Flg x PE	2	ea	\$	1,202.00	\$2,404.00
8" DIP Glass Lined Tee Flg	2	ea	\$	378.00	\$756.00
8" DIP Glass Lined Tee MJ	2	ea	\$	215.00	\$430.00
8" DIP Glass Lined Blind Flg W/ Tap	2	ea	\$	255.00	\$510.00
8" DIP Butterity Valve Plug	2	ea	\$	2,354.00	\$4,708.00
8" FCA Adapter	2	ea	\$	361.00	\$722.00
8" MJ x MJ Restraint Adapter	7	ea	\$	74.00	\$518.00
8" DIP Glass Lined Spool PE x PE	2	ea	\$	748.00	\$1,496.00
McMaster	1	LS	\$	116.76	\$116.76
8" DIP Glass Lined 45 Bend	2	ea	\$	118.00	\$236.00
8" DIP Glass Lined 90 Bend	1	ea	\$	254.00	\$254.00
8" C900 Spool - 20'	1	ft	\$	320.00	\$320.00
8" DIP FIg Bolts and Nuts (Sets of 8)	12	ea	\$	30.00	\$360.00
8" 150# Garlock Gasket	12	ea	\$	18.63	\$223.56
Тах	7.750%			_	\$1,070.19
				Subtotal	\$14,879.12
			Tota	al Material =	\$14,879.12

Provide credit for contract 8" plug valve & fittings shown on contract drawings C-23 and C-41, Detail 11.

Price

Quantity Unit

Total Subcontract =

Extension \$0.00

\$0.00

McMASTER-CARR.

		Total		\$125.10
		Tax	2	8.34
		Shipp	ing	9.10
		Merch	nandise	107.66
	Vour reference:			
	97799A302			
3	316 Stainless Steel Stud Anchor for Concrete	4 Each	12.83 Each	51.32
	1 ft.			
	Length, ft.			
	Your reference:			
	3563T175			
	Slotted Hole, Galvanized Steel, 3-1/4" High Channel, 1 Foot Long	Each	Each	
2	High-Profile Strut Channel	2	10.88	21.76
	Your reference:			
	3115T66			
	304 Stainless Steel, 8-5/8" ID, 1/8" Thick	Each	Each	
บeเ 1	Strut-Mount Metal Routing Clamp	2	\$17.29	\$34.58
ام٦	ivers tomorrow 9-11 am			

Contact	Payment method
Contact	Invoice
Delivery method	Invoice / receipt preference
Ground	PO BOX 28130
Tomorrow 9-11 am	acayama@wmlylesco.com
Delivery address	Billing address
W. M. Lyles Co	W. M. Lyles Co
715 west 4th St	PO BOX 28130
Beaumont CA 92223	Fresno CA 93729
Delivery attention:	Tax
Armando Cayama	Taxable

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

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TIME & MATERIAL SHEET



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		Date	3/3	0/202
DESCRIPTION O	E WORK			
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CUSTOME	R	P		W.M. Lyles	Co. //	2 00	
Signature	Charle	1 roz		Signature	Service the L	olli	2
Print Nam	e C.Rem	õi es		Print Name	Samanaha	Lobin.	\sim
Title	JAMITOR	Date	4/1/21	Title	FE	Date	W/V/U

TIME & MATERIAL SHEET



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Project Name	City of Beaumont WWTP Salt Mit	igation Ugrade 👘 P	roject No.	55.1173	
Phase Code	99.010.0410		Date	-4 /9/2021	4/8/2021
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TIME & MATERIAL SHEET



Project Name City of Beaumont WWTP Salt Mitigation Upgrade Project No. 55.1173 Phase Code 99.010.0410 Date 4/23/2021

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I CERTIFY THAT I HAVE THE AUTHORITY TO AUTHORIZE THE WORK PERFORMED UNDER THIS FIELD WORK ORDER

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CITY OF BEAUMONT WASTE WATER TREATMENT PLANT SALT MITIGATION UPGRADE PROJECT

CLARIFICATION 41

To (Construction Manager):	Stantec		
	Attention: Charles Reynold	ls	
	Phone: 702-497-8024	_	
	Email: Charles.w.reynolds(@stantec.com	
From (Engineer):	Aqua Engineering		
	Attention: Boris Petkovic		
	Phone: 801-683-3/34		
	Eman. Jons.petkovic@aqt	laelig.com	
Subject: WAS Line Modifi	cations	Location: Yard Pip	ing/Solids Holding Tanks
Reference Documents: Drawing	ng No. C-23, SSM-4		
	CLARIFIC	ATION	
Note the following:			
Current configuration of WAS	piping under certain operating	g conditions may increa	use the possibility of trapping air
In the WAS line. To address th	is issue changes to wAS pipi	ing noted in the attached	i drawings are proposed.
			D (D 1 10 0001
Prepared By (Name): Boris	Petkovic, Aqua Engineering		Date: Feb. 18, 2021
Distributed By:			Date:



G.\ 2017\17-0177\ Drawings\ Plan Sheets\17-0177-C-YP 10-19

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City of Beaumont Wastewater Treatment Plant Salt Mitigation Upgrade Project

Technical Justification:

PCO-59										
Time Adjustment:	TIA-07 SCE Delay Decommissioning Existing Power									
Reason for Design Changes:										
This delay impacted the demolition of the existing Blower Electrical Building subsequently delaying construction activities of the new Solids Processing Building and Sludge Loading Structure.										
Cost Impact:										
MWHC performed a	P6 review of the contractor's Time Impact Analysis, TIA-07, for the relevant									

MWHC performed a P6 review of the contractor's Time Impact Analysis, TIA-07, for the relevant periods requested. The contractor's narrative along with MWHC's summary response is attached below.

MWHC recommends a time increase of 32-CD to MS02. With this time adjustment Final Completion will be September 1, 2021.



Shop Drawing Review

		Date 4/7/2021				
To:	Project Owner City of Beaumont					
W. M. Lyle Co.	Project Name					
Attention: Oscar Mendoza		insion				
Reference Submittal 013200-31-Construction Progress Documentation-CPM	Construction Contract N	lo. C18-80				
Time Impact Analysis – TIA07		Specification Section 013200				

Subject submittal has been reviewed and review action is as shown below:

Submittal No.	Subject	No. of Copies	No Exception Taken	Make Corrections Noted	Amend and Resubmit	Rejected Resubmit
	Schedule > TIA07					
	Name					
	COB TIA07 All Activities As Planned					
	COB TIA07 All Activities Impacted					
	COB TIA07 Longest Path As Planned					
	COB TIA07 Longest Path Impacted	CI.		х		
13200-31	🙈 COB_Schedule Narrative_TIA07 (2)	e-files		~		
	COB_TIA07_IMPACT.xer					

Summary of the Submittal:

• WML submitted TI07 showing impacts to the project milestones as the results of the following unforeseen events:

UFE 07 – SCE Delay Disconnecting Existing Power

This delay impacted the demolition of the existing blower #2 and subsequently the start of construction activities of the SFPS.

- WML's methodology for this TIA is comparing an unimpacted schedule just before the impact became known (September 2020 schedule update- UP21) with the impacted schedule by this UFE07 (TIA07)
- WML utilized UP21 schedule by introducing the UFE07 activities and called it TIA07-IMPACTschedule.
- WML then compared the milestones forecasted dates between the unimpacted and impacted schedule:

ACOVEY D		Activity Name		00	RD	Start v	Finish	Total Float
COB	WWTP :	Salt Mitigation Upgrade F	Project_SEPT 2020_TIA 07	AS PLANN	ED			
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MSI	00	NOTICE TO PROCEED (10/29/18)		0	0	29-Oct-18 A		
MSI	01	PHASE 1 COMPLETION (450 CD A)	TER NTP = 02/06/20 - 04/26/20)	0	٥		05-Feb-21*	-141
MS	MS01.1 PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)						28-Jun-21	3
MS	02	PHASE 2 COMPLETION (820 CD A)	FTER NTP = 02/13/21 - 05/01/21)	0	0		27-346-21*	- 4
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Review Process:

The unimpacted schedule (UP01) reflects different milestone dates than what is shown on WML's unimpacted schedule.

COB WWTP Salt Mitigation Upgrade Project_SEPT 2020					Classic WBS Layout				07-Apr-21 22:0									
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	MILESTONES			255	06-Nov-20	19-Jul-21		-79										V 19-J
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	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS	PRIOR TO MS02)	0		04-Aug-21	-34									◆ PR	OJEC	
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP =	02/13/21 - 05/01/21)	0		01-Sep-21*	-32									<u> </u>	♦ PH	

Revised MS02 date per CO 18: July 31, 2021

TIA07 IMPACT MS02 date: September 1, 2021

Ultimate impact to MS02: 32 days

Conclusion:

MWH agrees with the resulting impact UFE07 submitted by WML. Final time extension will be based on actual date of achieving MS02 with the understanding that WML is working diligently to improve the schedule.

It is important to note that MS01 date has not been impacted by UFE07 as shown in the schedule printouts above. MS01 continues to fall behind due to MBR commissioning issues.

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all qualities and dimensions; selecting fabrication processes and techniques of construction; coordinating work with other trades; an performing work in a safe and satisfactory manner. Very truly yours,

Edmond Sayegh

EDMOND SAYEGH, P. E.

Sr. Construction Manager

City of Beaumont Waste Water Treatment Plant Salt Mitigation Upgrade Project



Time Impact Analysis 07



WM Lyles Co.

INTRODUCTION

The following narrative outlines the Time Impact Analysis procedure and findings relating to the following Unforeseen Events (UFEs):

Unforeseen Event 07 – SCE delay in disconnecting existing power.

IDENTIFICATION OF SCHEDULE:

Schedule Update Base File: COB_UP21 Schedule Analysis File: COB_TIA07

TIME IMPACT ANALYSIS METHODOLOGY

The methodology used in this analysis follows a retroactive, "forward-looking" Time Impact Analysis (TIA) procedure. It compares the last approved schedule prior to the first impact event being analyzed to a copy of the same schedule with the addition of modeled schedule impact(s).

The modeled schedule impact events used in the analysis, herein are referred to as "Unforeseen Events" (UFEs), represent events that are believed to have impacted the schedule and could not have been reasonably foreseen at the time of submitting the original bid for construction. These events are beyond the control, and without fault or negligence of the General Contractor.

Change Orders 17 and 18 were incorporated into the schedule in the December 2020 update. These Change Orders included a time extension. In order to determine the non-concurrent impact due to the delay in SCE disconnecting the existing power, the finish constraint for MS01 Phase 1 Completion was adjusted to 9/18/20 and the finish constraint for Phase 2 Completion was adjusted to 7/31/21.

Analysis procedure for TIA07:

- 1. The last approved schedule (As-Planned Schedule) prior to first UFE being analyzed in TIA07 is the approved September 2020 Update, UP21.
- 2. The As-Planned schedule was copied to create the Impacted Schedule of comparison (TIA07)
- 3. UFE(s) being analyzed were logically inserted into the Impacted Schedule of comparison.
- 4. The affected Project Milestone(s) in the As-Planned schedule were compared to the affected Project Milestone(s) in the Impacted Schedule to quantify any impacts resulting from UFE(s).
- 5. The resulting delay is summarized in the Conclusion section of the narrative.

UNFORESEEN EVENTS

An Unforeseen Event (UFE) is defined herein as an impact to the project schedule that could not have been reasonably foreseen at the time of submitting a bid for construction and which is beyond the control and without fault or negligence of the General Contractor.

The following impact events have been analyzed in TIA07:

UFE 07 - SCE DELAY DISCONNECTING EXISTING POWER

A delay occurred in regard to SCE disconnecting the existing power. A request to terminate the SCE meters was submitted beginning of October 2020, SCE came out to the site on December 30, 2020 to disconnect power and remove the existing meters. This delay in disconnecting the power caused a delay to all the work that follows as construction could not begin in this area until these SCE meters were terminated.

LONGEST PATH

Below is a snippet of the impacted Longest Path.



MILESTONE COMPARISON: AS PLANNED VS IMPACTED SCHEDULE

Total impact to the affected Project Milestone(s) resulting from Unforeseen Events:

Activity D		Activity Name	00	RD	Start	Finish	Total Float
•	COB WWTP	Salt Mitigation Upgrade Project_SEPT 2020_TIA 07	AS PLANN	ED			
8	MILESTON	IES					
	M500	NOTICE TO PROCEED (10/29/18)	0	0	29-0ct-18-A		
	M/501	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/05/20 - 04/26/20)	0	0		06-Feb-21*	-141
	MIS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)	0	0		28-Jun-21	3
	M502	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 = 05/01/21)	0	0		27-346-21*	4
Activi	h D	Activity Name	00	RD	Start c	Feah	Total Float
-	COB WWTP	Salt Mitigation Upgrade Project_SEPT 2020_TIA 07	IMPACTED				
-	MILESTON	ES					
	M500	NOTICE TO PROCEED (10/29/18)	0	0	29-0ct-18A		
	M501	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20)	0	0		06-Feb-21*	-141
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 VINS PROR TO MS02)	0	0		04-Aug-21	-34
	M502	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21)	0	0		01-Sep-21*	-32

Project Completion – As Planned Schedule: Project Completion – Impacted Schedule: July 27, 2021 September 1, 2021

Impact resulting from SCE caused Unforeseen Events this Period:

	MS01	MS02
Total Impact	0 CD	32 CD

CONCLUSION

WML is requesting that the Phase 2 Completion Milestone be extended an additional 32 calendar days to compensate for the delay caused by SCE disconnecting existing power from October 2020 – December 2020.

ATTACHMENTS

P6 Schedule Analysis File:

COB_TIA07- Impacted Schedule (September 20)

City of Beaumont tewater Treatment Plant Salt Mitigation Upgrade Project Technical Justification:

PCO-60	
Time Adjustment: WML TIA-08	TIA-08 Inclement Weather Impact Dec-2020 thru April-2021

Reason for Design Changes:

Inclement weather due to rain and high winds impact to the construction schedule from Dec, 3rd 2019 to April 26, 2021.

Cost Impact:

MWHC has performed a P6 review of the attached contractor's Time Impact Analysis, TIA, for the five relevant periods requested. The contractor's narrative along with MWHC's summary response is attached below.

MWHC recommends a non-compensable time increase of 23-CD to Final Project Completion, MS02. With no time adjustment for Phase 1 completion. A new Final Project Completion date of September 24, 2021.



Shop Drawing Review

		Date 8/25/2021		
To:	Project Owner City of Beaumont			
W. M. Lyle Co.	Project Name			
Attention: Oscar Mendoza				
Reference Submittal 013200-36-Construction Progress Documentation-CPM	Construction Contract N	lo. C18-80		
Time Impact Analysis – TIA08		Specification Section 013200		

Subject submittal has been reviewed and review action is as shown below:

Submittal No.	Subject	No. of Copies	No Exception Taken	Make Corrections Noted	Amend and Resubmit	Rejected Resubmit
	Inclement Weather Impact TIA 8 incluing the					
	following files:					
	COB Schedule Narrative TIA08.pdf					
	COB_TIA08.1.xer					
	COB_TIA08.2.xer					
	COB_TIA08.3.xer	o filos		Х		
13200-36	COB_TIA08.4.xer	e-mes				
	COB_TIA08.5.xer					

Summary of the Submittal:

WML submitted TI08 showing impacts to the project milestones as the results of inclement weather impact from December 2020 through April 2021. Th methodology is similar to the previous TIAs related to inclement weather delay impact.

For each month included in this TIA, WML compared the unimpacted monthly schedule update (no rain days) with the impacted schedule update (with rain days) and calculated the impact to the project milestones. The following table is a summary of this analysis:

Milestone	Period	Calendar Day Impact	Cumulative Impact
MS02	Dec 2020	-7	-7
	Jan 2021	-6	-13
	Feb 2021	-1	-14
	Mar 2021	-8	-22
	Apr 2021	-1	-23

Total cumulative impact to MS02 is 23 calendar days.

Review Process:

1. December 2020 has 4 rain days (on 12/3/20, 12/8/20, 12/28/20, and 12/29/20) that when applied to the unimpacted schedule shows the following impact:

Activity D		Activity Name	Start	Finish	Total Float
=	COB WWTP	Salt Mitigation Upgrade Project_NOV 2020			
E	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20)		06-Jan-21*	-255
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		07-Jul-21	-94
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21)		04-Aug-21*	-95
=	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analys	is 08.1		
E	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20)		06-Jan-21*	-255
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		14-Jul-21	-101
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21)		11-Aug-21*	-102

MS01= 0 days / MS02 = -7 days

2. January 2021 has 3 rain days (on 1/25/21, 1/26/21, and 1/29/21) that when applied to the unimpacted schedule shows the following impact:

Activity D		Activity Name	Start T	Finish	Total Float
=	COB WWTP	Salt Mitigation Upgrade Project_DEC 2020			
-	MILESTON	IES			
MS01		PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Feb-21*	
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		04-Aug-21	-34
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		01-Sep-21*	-32
=	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 0	3.2		
-	MILESTON	IES			
MS01		PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Feb-21*	-141
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		09-Aug-21	-39
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP + 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		07-Sep-21*	-38

MS01= 0 days / MS02 = -6 days

3. February 2021 has 1 rain day (on 2/12/21) that when applied to the unimpacted schedule shows the following impact:

Activity ID		Activity Name	Start	Finish	Total Float
-	COB WWTP	Salt Mitigation Upgrade Project_JAN 2021			
Ξ	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		09-Mar-21*	-172
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		02-Aug-21	-32
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		30-Aug-21*	-30
-	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 08	.3		
Ξ	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		09-Mar-21*	-172
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		03-Aug-21	-33
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		31-Aug-21*	-31

MS01= 0 days / MS02 = -1 day

4. March 2021 has 5 rain days (on 3/10/21, 3/11/21, 3/12/21. 3/15/21, and 3/31/21) that when applied to the unimpacted schedule shows the following impact:

Activity ID		Activity Name	Start	Finish	Total Float
=	COB WWTP	Salt Mitigation Upgrade Project_FEB 2021			
•	MILESTONES				
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Apr-21*	-200
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		29-Jul-21	-28
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		01-Sep-21*	-32
-	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 08	3.4		
•	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Apr-21*	-200
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		05-Aug-21	-35
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		09-Sep-21*	-40

MS01= 0 days / MS02 = -8 days

5. April 2021 has 1 rain day (on 4/26/21) that when applied to the unimpacted schedule shows the following impact:

Activity ID		Activity Name	Start 7	Finish	Total Float
•	COB WWTP	Salt Mitigation Upgrade Project_MAR 2021			
E	MILESTON				
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		07-May-21*	
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		30-Jul-21	-29
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		01-Sep-21*	-32
=	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 08	.5		
Ξ	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		07-May-21*	-231
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		02-Aug-21	-32
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		02-Sep-21*	-33

MS01= 0 days / MS02 = -1 day

Milestone	Period	Calendar Day Impact	Cumulative Impact
MS01	Dec. 2020	0	0
	Jan. 2021	0	0
	Feb. 2021	0	0
	Mar. 2021	0	0
	Apr. 2021	0	0
MS02	Dec. 2020	-7	-7
	Jan. 2021	-6	-13
	Feb. 2021	-1	-14
	Mar. 2021	-8	-22
	Apr. 2021	-1	-23

Summary inclement weather delay impact:

Conclusion:

MWH concludes that the increment weather delay impact to MS02 milestone is 23 days. It is important to note that MS01 date has not been impacted by the inclement weather analyzed in this TIA08.

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all qualities and dimensions; selecting fabrication processes and techniques of construction; coordinating work with other trades; an performing work in a safe and satisfactory manner. Very truly yours,

Edmond Sayegh

EDMOND SAYEGH, P. E.

Sr. Construction Manager

City of Beaumont Waste Water Treatment Plant Salt Mitigation Upgrade Project



Time Impact Analysis 08



WM Lyles Co.

INTRODUCTION

The following narrative outlines the Time Impact Analysis procedure and findings relating to Unforeseen Event 08 – Inclement Weather Delays from December 2020 through April 2021. After performing the month-by-month windows analysis for the 14 weather days that occurred in this period, the total impact to the schedule was found to be 23 calendar days.

IDENTIFICATION OF SCHEDULE:

Schedule Update Base File:	Schedule Analysis File:
COB_UP23	COB_TIA08.1
COB_UP24	COB_TIA08.2
COB_UP25	COB_TIA08.3
COB_UP26	COB_TIA08.4
COB_UP27	COB_TIA08.5

TIME IMPACT ANALYSIS METHODOLOGY

The methodology used in this analysis follows a retroactive, "forward-looking" Time Impact Analysis (TIA) procedure. It compares the last approved schedule prior to the first impact event being analyzed to a copy of the same schedule with the addition of modeled schedule impact(s).

The modeled schedule impact events used in the analysis, herein are referred to as "Unforeseen Events" (UFEs), represent events that may impact the schedule and could not have been reasonably foreseen at the time of submitting the original bid for construction These events are beyond the control, and without fault or negligence of the General Contractor.

Analysis procedure for TIA08:

- 1. The last approved schedule (As-Planned Schedule) prior to first weather day being analyzed in TIA08 is the approved November 2020 Update, UP23.
- 2. The As-Planned schedule was copied to create the Impacted Schedule(s) of comparison (TIA08.1 5)
- 3. UFE(s) being analyzed were logically inserted into the Impacted Schedule of comparison. In this instance, original durations for specific activities were updated to reflect the additional time required to complete each impacted activity.
- 4. The affected Project Milestone(s) in the As-Planned schedule were compared to the affected Project Milestone(s) in the Impacted Schedule to quantify any impacts resulting from UFE(s).
- 5. This process was repeated for each subsequent update period impacted by inclement weather through the end of April 2021.

6. The resulting delay is broken down by impacted period and summarized by cumulative total in the Conclusion section of the narrative.

UNFORESEEN EVENTS

An Unforeseen Event (UFE) is defined herein as an impact to the project schedule that could not have been reasonably foreseen at the time of submitting a bid for construction and which is beyond the control and without fault or negligence of the General Contractor.

There have been a total of 67 unforeseen inclement (working) weather days which have directly impacted the critical path of the project schedule from the start of the project through the end of April 2021. 53 of these days have already been analyzed in a previous TIA. The remaining 14 weather days are broken down by period as shown below:

12/3/20, 12/8/20, 12/28/20, 12/29/20	(4)
1/25/21, 1/26/21, 1/29/21	(3)
2/12/21	(1)
3/10/21, 3/11/21, 3/12/21, 3/15/21, 3/31/21	(5)
4/26/21	(1)

UFE 08.1: INCLEMENT WEATHER DELAYS DEC 2020

During December 2020, 4 inclement weather days were recorded. Below is a screenshot comparing the as-planned schedule vs the weather impacted schedule for the analyzation period:

Milestone Comparison

Activity D		Activity Name	Start 7	Finish	Total Float
•	COB WWTP	Salt Mitigation Upgrade Project_NOV 2020			
Ξ	MILESTON	ES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP + 02/06/20 - 04/26/20)		06-Jan-21*	-255
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PROR TO M502)		07-Jul-21	-94
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21)		04-Aug-21*	-95
	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analys	is 08.1		
Ξ	MILESTON	IES			
	MIS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20)		06-Jan-21*	-255
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		14-Jul-21	-101
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21)		11-Aug-21*	-102

MS02: -7 Calendar Days

UFE 08.2: INCLEMENT WEATHER DELAYS JAN 2021

During January 2021, 3 inclement weather days were recorded. Below is a screenshot comparing the as-planned schedule vs the weather impacted schedule for the analyzation period:

Milestone Comparison

Activity D		Activity Name	Start	Finish	Total Float
	COB WWTP	Salt Mitigation Upgrade Project_DEC 2020			
	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Feb-21*	-141
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		04-Aug-21	-34
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		01-Sep-21*	-32
	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 08	.2		
-	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Feb-21*	-141
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		09-Aug-21	-39
	M502	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		07-Sep-21*	-38

MS02: -6 Calendar Days

UFE 08.3: INCLEMENT WEATHER DELAYS FEB 2021

During February 2021, 1 inclement weather day was recorded. Below is a screenshot comparing the as-planned schedule vs the weather impacted schedule for the analyzation period:

Milestone Comparison

Activity D		Activity D Activity Name		Activity Name	Start 7	Finish	Total Float
•	COB WWTP	Salt Mitigation Upgrade Project_JAN 2021					
Ξ	MILESTON	IES					
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP + 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		09-Mar-21*	-172		
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		02-Aug-21	-32		
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		30-Aug-21*	-30		
	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 08	.3				
e.	MILESTON	IES					
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/16/		09-Mar-21*	-172		
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		03-Aug-21	-33		
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP + 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		31-Aug-21*	-31		

MS02: -1 Calendar Day

UFE 08.4: INCLEMENT WEATHER DELAYS MAR 2021

During March 2021, 5 inclement weather days were recorded. Below is a screenshot comparing the as-planned schedule vs the weather impacted schedule for the analyzation period:

Milestone Comparison

Activity D		Activity Name	Start	Finish	Total Float
	COB WWTP	Salt Mitigation Upgrade Project_FEB 2021			
	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Apr-21*	-200
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		29-Jul-21	-28
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		01-Sep-21*	-32
	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 08	.4		
-	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		06-Apr-21*	-200
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		05-Aug-21	-35
	M502	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		09-Sep-21*	-40

MS02: -8 Calendar Days

UFE 08.5: INCLEMENT WEATHER DELAYS APR 2021

During April 2021, 1 inclement weather day was recorded. Below is a screenshot comparing the as-planned schedule vs the weather impacted schedule for the analyzation period:

Milestone Comparison

Activity ID		Activity Name	Start	Finish	Total Fibat
-	COB WWTP	Salt Mitigation Upgrade Project_MAR 2021			
	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		07-May-21*	-231
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		30-Jul-21	-29
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		01-Sep-21*	-32
•	COB WWTP	Salt Mitigation Upgrade Project_Time Impact Analysis 08	.5		
-	MILESTON	IES			
	MS01	PHASE 1 COMPLETION (450 CD AFTER NTP = 02/06/20 - 04/26/20 - 5/20/20 - 9/18/		07-May-21*	-231
	MS01.1	PROJECT SUBSTANTIAL COMPLETION (4 WKS PRIOR TO MS02)		02-Aug-21	-32
	MS02	PHASE 2 COMPLETION (820 CD AFTER NTP = 02/13/21 - 05/01/21 - 5/30/21 - 7/31/		02-Sep-21*	-33

MS02: -1 Calendar Day

CONCLUSION

WML is requesting that the Phase 2 Completion Milestone be extended an additional 23 calendar days to compensate for inclement weather delays from Dec 2020 – April 2021.

Milestone	Period	Calendar Day Impact	Cumulative Impact
MS02	Dec 2020	-7	-7
	Jan 2021	-6	-13
	Feb 2021	-1	-14
	Mar 2021	-8	-22
	Apr 2021	-1	-23

ATTACHMENTS

P6 Schedule Analysis File: P6 Schedule Analysis File: P6 Schedule Analysis File: P6 Schedule Analysis File: P6 Schedule Analysis File: COB_TIA08.1- Impacted Schedule (Nov 20)

COB_TIA08.2- Impacted Schedule (Dec 20)

COB_TIA08.3 – Impacted Schedule (Jan 21)

COB_TIA08.4 – Impacted Schedule (Feb 21) COB_TIA08.5 – Impacted Schedule (Mar 21)