

Inspection Checklist

(CWSRF/DWSRF/SCG/WRFPP)

SECTION A – GENERAL INFORMATION

1. General Project Information

- a. Recipient name: Needles, City of
- b. General project description: Address source capacity and iron/manganese compliance, improve pressure and reliability in the upper pressure zone, and replace end-of-life facilities.
- c. Project location: Needles, CA
- d. Project number: 3610032-001C (Final), 3610032-002C (Final), 3610032-003C (Final), 3610032-004C (Interim)
3610032-006C (Final)
- e. Total project cost: \$ 14,315,640
- f. Grant amount: \$ 14,315,640
- g. Match amount: \$ 0
- h. % of grant funds disbursed: 78% (as of site visit)
- i. Project Bid Opening Date: Ph. 1: 2/17/22; Ph. 2A: 11/9/21; Ph. 3: 2/17/22; Ph. 4A: 11/16/22; Ph. 4B: 3/19/25; Ph. 6: N/A
- j. Notice to Proceed Date: Ph. 1: 6/22/22; Ph. 2A: 1/20/22; Ph. 3: 6/22/22; Ph. 4A: 12/6/22 (NOA); Ph. 4B: 7/14/25;
Ph. 6: 11/18/22 (DB Contract)
- k. Completion of Construction Date: December 1, 2025 (pending amendment to extend to September 1, 2026)

Notes: This checklist documents the final inspection for Phases 1, 2A, 3, 4A, 6A, and 6B (complete) and an interim inspection for Phase 4B (in progress, ~25% complete).

SECTION B - ONSITE REVIEW

2. Inspection Information

- a. Inspection Type: Pre-Construction Inspection Interim Inspection (Ph. 4B) Final Project Inspection (Ph. 1, 2A, 3, 4A, 6A, 6B)
- b. Inspection Number: 1
- c. Locations and dates of this review:
- Recipient offices on: 10/29/2025
- Project or construction site on: 10/29/2025

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Engineering offices on: _____

Contractor offices on: _____

Other site on: _____

d. DFA staff reviewer(s): Pete Stamas, Project Manager, Office of Sustainable Water Solutions

e. Recipient staff: Kathy Raasch, Director of Development Services/Capital Projects; Rainie Torrance, Utility Manager

f. Engineering/Consulting staff: Joe Riess, Ph. 6 Project Engineer, Water Works Engineers

g. Contractor staff: _____

e. Other individuals: Jeffrey Albrecht, Rural Solutions Unit, Division of Drinking Water

Notes: _____

3. Special Condition Compliance Review N/A for No Special Conditions

a. Provide list of Special Conditions (Environmental, Technical, Financial, Legal, etc):
Add/delete lines as needed

Technical:

i. Professional services contract(s) prior to disbursement of funds for costs incurred under such contracts

Complete Ongoing

ii. P&S approved by DDW/DFA prior to bid solicitation, award and construction

Complete Ongoing

iii. DDW permit amendment upon completion of project (for Well 11 treatment facility)

Complete Ongoing

iv. GGRF jobs reporting, as required

Complete Ongoing

v. Submit executed contracts for Phases 6A and 6B prior to disbursement of funds for those phases

Complete Ongoing

Environmental:

i. Comply with tribal monitoring requirements (only applicable to Ph. 1)

Complete Ongoing

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Discuss compliance with environmental measures within quarterly progress reports, as applicable

Complete Ongoing

Discuss compliance with environmental measures in project completion report

Complete Ongoing

b. Recipient has complied with all the conditions? Yes No

Explain:

The City has complied with all relevant conditions to date; several conditions will be addressed upon completion and

closeout of the funding agreement.

c. Date all the Special Conditions completed: TBD

d. Recipient Master File includes documentation of compliance? Yes No

Explain:

N/A

4. Construction/ Site Inspection

a. Project Type (check all that apply):

Treatment (new/ expansion/ upgrade)

Pipelines (collection/ distribution)

Storage

Pump/ Lift Stations

Solids Handling

Estuary

Drinking Water Wells

Groundwater (injection/ clean-up)

Non-Point Source

Septic-to-sewer conversion

Discharge Outfall

Other: Test well

b. Construction activity during the inspection? Yes No

Observations: Construction activity was observed for Phase 4B (in progress).

c. Deficiencies/Issues noted:

None.

d. Percent Complete: 80% (all project phases are substantially complete except phase 4B, which is approx. 25% complete)

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e. Picture(s) of work observed: (Label each picture and add additional pictures as needed)

Phase 1 – Lilly Hill Booster Station Replacement/Relocation (DWSRF No. 3610032-001C)



New Booster Station



Emergency Generator

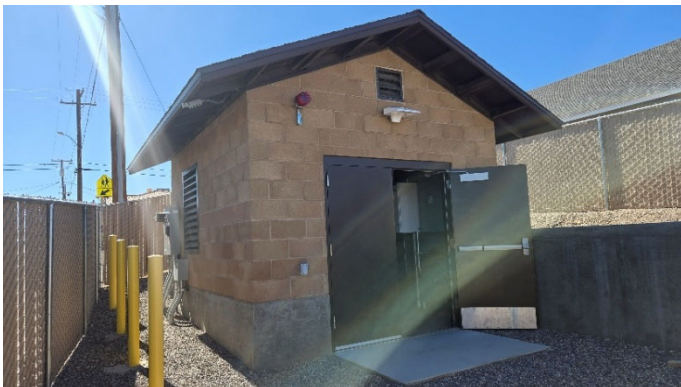


Booster Pumps and Plumbing



Booster Pumps

Phase 3 – L Street Pump Station Project (DWSRF No. 3610032-003C)



New Booster Station



Project Signage

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Booster Pumps and Plumbing



Control and Power Panels

Phase 4 – Waterline and Manifold Replacements; Backup Generators at Existing Well Sites Project (DWSRF No. 3610032-004C)



Phase 4A: Emergency Generator at Well 11



Phase 4B: Pipe Replacement – Under Construction

Phase 6 – Replacement of Needles City Well No. 11 Treatment System and Distribution Pipeline Project (DWSRF No. 3610032-006C)



New Treatment Facility



Sampling Equipment

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Control Panels



Control Panel Display for Filtration System



Sodium Hypochlorite Tank



Backwash Water Tank



New Facility (filter shown in the background)



Pressure Filtration System



Treatment Building with Shade Structure for Well 15



Emergency Generator

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f. SRF/EPA logo/sign is posted at the construction site: Yes No

Explain: Photos were taken of all phases except Phase 2 (Well No. 16) because the proposed well site was not developed.

g. Picture of logo/sign: See photo above; signage was posted for other phases during construction.

5. Project Operations N/A for Non-Treatment Projects

a. Plant design flow: Approximately 2,400 gallons per minute

b. Plant treatment process prior to construction: N/A (Well 11 was previously a standby well)

c. Class of plant prior to construction: N/A (Well 11 was not supplying water to the City due to high iron and manganese)

d. Class of plant changed? Yes No

If yes, identify new process: Manganese treatment

New Class: T2 (determined by DDW)

e. If the Plant class is changing has the recipient submitted an updated plant classification form to the Office of Operator Certification? Yes No

Explain: The Well 11 Manganese Filtration Plant (Phase 6) was permitted in February 2025 by the Division of Drinking

Water. The plant utilizes Greensand™ filter media for the removal of manganese.

f. Does the Chief Plant Operator of the facility hold the appropriate certification grade to operate the facility based on the current or new plant class? Yes No

Explain: The City's Chief Operator, Bryan Hickstein, is certified as a grade D2 distribution operator and a grade T2

treatment operator.

Operator certificates displayed? Yes No

6. Green Project Reserve N/A for Non-Green Reserve Project

7. Final Project Inspection N/A for Pre-Construction and Interim Inspection

a. Will Project construction be completed in accordance with the approved Construction Completion (CC) date? Yes No

If no, what is the estimated revised CC date? ~August 2026

Note: DFA is processing an amendment which will extend the CC date from 12/1/25 to 9/1/26.

b. Project Completion date: Ph. 1: 4/30/24, Ph. 2: N/A, Ph. 3: 7/26/23, Ph. 4: TBD, Ph. 6: ~Q1 2025 [NOC pending]

c. Initiation of Operations date: All phases are in operation except Phase 4, which is nearing completion.

d. Change orders to be submitted? Yes No

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e. Will the final disbursement request be submitted in accordance with the approved Final Disbursement date? Yes No

If no, what is the estimated Final Disbursement date? ~December 2026

Final disbursement complete? Yes No

Note: DFA is processing an amendment which will extend the Final Disbursement date from 3/1/26 to 3/1/27.

f. Are the Operation and Maintenance (O&M) manuals available to operations staff? Yes No

g. During the final project inspection, the Division and the Recipient established the following due date for submission of the Project Completion Report: September 1, 2026 [pending amendment will reflect this new due date]

Notes: Construction of all phases is complete except Phase 4, which is expected to be completed by mid-2026.

SECTION C - Federal Cross-Cutter Requirements Review

N/A for Exempt Projects and Pre-Construction Inspections

SECTION D - OFFICE REVIEW

8. Inspection Summary

a. Summary:

The inspection demonstrated that each project is being completed according to its respective approved plans and

specifications, and the Recipient is implementing reasonable procedures to ensure compliance with funding requirements.

b. Deficiencies: None.

c. Follow-up Items: None.

Project Manager Signature: 

Date of Report: 1/22/2026