



March 28, 2025

Seneca Light & Water
630 Northhampton Road
Seneca, SC 29672

Attention: Steve Fletcher/Melisa Ramey

Reference: Sherwin Williams Product Submittal for IFB 2025-03

Dear Steve and Melisa,

Sherwin-Williams submits the products and systems shown on the following pages for the above-mentioned project.

Sherwin-Williams confirms all submitted materials provide equal or improved performance when compared to specified products and are suitable for use in the specified locations within the facility.

Sherwin-Williams will provide all necessary on-site technical support for the application of the submitted materials.

If you have any questions, please contact me at 843-214-3265.

Best regards,

Darryl Rzepka
Protective & Marine Coating Division



| | |
|--|---|
| PRODUCT SUBMITTAL SPECIFICATION | Coatings Systems for Seneca WTP Repaint |
| PROJECT | WTP Repaint |
| ENGINEER | NA |
| CONTRACTOR | NA |
| SUBMITTAL DATE | 3/28/2025 |

COATING SYSTEMS

A. Material Sources:

1. All materials supplied on this submittal are manufactured by the Sherwin Williams Co. (SW) and provide equivalent or improved performance to the materials originally specified. Sherwin Williams is an approved manufacturer on this specification and this submittal provides systems where SW specific products are not shown.

System 1- DIP and Steel Over Coat System

1. Wash entire structure to be Coated per **SSPC WJ-4 Light Water Jetting Light Cleaning**.

A metal surface after Light Cleaning, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and other corrosion products, and loose coating. Any residual material shall be tightly adhered to the metal substrate and may consist of randomly dispersed stains of rust and other corrosion products or previously applied coating, tightly adherent thin coatings, and other tightly adherent foreign matter.

2. Clean per **SSPC SP-**

3 Power Tool Clean to remove, dirt, dust, loose mill scale, loose rust and other corrosion products, and loose coating. Edges- Feather edge down to a tight bond.

*Cleaning by abrasive blasting per SP-7 Brush off Blast Cleaning is acceptable if feasible.

Pitt Filler: Fill aggressive pitting with Sherwin-Williams Steel Seam FT910

All tightly adhered rusted areas, uncoated areas, welds, edges, pits, holes and gaps with Sherwin Williams **Macropoxy 920 PrePrime 1.5 - 2 mils DFT.**

Spot Prime/Stripe Coat: Apply Sherwin Williams **Macropoxy 646 MPE Epoxy Slate Gray 4-6 mils DFT**

Topcoat: Apply Sherwin-Williams **Sherloxane 800 UV Resistant Epoxy Color TBD 4-6 mils DFT.**

Updates to Specification Surface prep where certain areas need to be blasted. Areas and Descriptions are in accordance with Item Descriptions from Bid Form C-1 listed in bid package (IFB-2025-03). Areas not listed can use the above specification. Areas below must have

removed, dirt, dust, loose mill scale, loose rust and other corrosion products, and loose coatings. Edges-Feather edge down to a tight bond in order to accept the above coatings systems.

Please refer to the data pages for above products listed for recommended application.

Clearwell Piping:

:Vents/Piping on Clearwell: Surface Prep Required SSCP-7/NACE 4 Brush Blast Cleaning

Finish Water:



:Piping (Above and Below Floor) -Surface Prep Required SSPC-SP7/NACE 4 Brush Blast Cleaning

:Pipe on Outside- Surface Prep Required SSPC-SP7/NACE 4 Brush Blast Cleaning

:Motors: Surface Prep Required SSPC-SP7/NACE 4 on pump plates Brush Blast Cleaning

Flume Piping/Chemical Building/DAF/Maintenance

:Pipes between basins: (Pipe in Ground and Reddish Pipe out of Filters) Surface Prep Required SSPC-SP7/NACE 4 Brush Blast Cleaning.

Pipe Gallery 1:

Pipes in Gallery: Spot Blast SSPC-6/NACE 3 Commercial Blast Cleaning of piping under catwalk and as needed for remainder of piping in Pipe Gallery 1 in order to have coatings adhere properly.

Pipe Gallery 2:

Pipes in Pipe Gallery: Spot Blast as needed on piping SSPC-6/NACE 3 Commercial Blast Cleaning in order to have coatings adhere properly.

Pipe Gallery 3:

Pipes in pipe Gallery: Spot Blasted as need on piping SSPC-6/NACE 3 Commercial Blast Cleaning in order to have coatings adhere properly.

Backwash Building:

Pipes in Vaults and Building: Piping in Vaults (Reddish Pipe/Yellow/Tan Pipe)- Surface Prep SSPC-6/NACE 3 Commercial Blast Cleaning

Motor/Pump Bases: Surface Prep SSPC-6/NACE 3 Commercial Blast Cleaning

Vaults: Plates for Vaults Surface Prep: SSPC- 6/NACE 3 Commercial Blast Cleaning

