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The City of Winnipeg
North End Sewage Treatment Plant

WSTP Paint Colour Standard

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Approved By:	_____ Colin Javra, P.Eng., Project Director, WSTP	_____ Date
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REVISION REGISTER

Rev.	Description	Date	By	Approved
00	Issued for City Use	2020-02-18	K. Schimke	D. Griffin
01	Replaced "color" with "colour"	2020-02-21	K. Schimke	D. Griffin
02	Additions of new processes, WSTP included in title	2023-09-06	K. Schimke	C. Javra

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1 INTRODUCTION

This document identifies the standard paint colour requirements that are applicable to any work within the City of Winnipeg's North End Sewage Treatment Plant.

1.1 Scope of the Standard

This design standard will apply to the following facilities:

North End Sewage Treatment Plant

1.2 North End Sewage Treatment Plant Application

Existing facilities do not necessarily comply with this standard. The expectations regarding application of this standard to maintenance and minor upgrades at existing facilities must be assessed on a case-by-case basis; however general guidelines for application are presented as follows:

- All new facilities are expected to comply with this standard.
- All major upgrades to a facility are expected to comply with this standard; however in some cases compromise with the configuration of the existing facility design may be required.
- All minor upgrades should utilize this standard as far as practical for new work; however in some cases compromise with the configuration of the existing facility design may be required.

1.3 Deviations from Standard

It is expected that there will be occasional situations where there will be a deviation from this design standard. The rationale for potential deviations from the design standard may include:

- Change in colour scheme classification,
- Addition of new processes,
- Updates to standards and regulations,
- Specific operations requirements.

For any deviation from this standard, complete a *WSTP Standards Deviation Form* and submit to the City project manager for approval. Do not proceed with the proposed deviation unless approval is received from the City project manager.

2 PAINT COLOUR CODES-PIPING

1. All piping and specified equipment within the North End Sewage Treatment Plant shall match the below Sherwin Williams paint codes and colour types.
2. Paint products shall be low VOC (Volatile Organic Compound) or water based wherever possible.
3. In the event pipe material prevents it from being painted, coloured bands shall be used.
4. Directional arrows to be used to indicate flow

Item	New Colour Name	Sherwin Williams Paint Code
Air High Pressure	Really Teal	SW 6489
Air Low Pressure	Open Air	SW 6491
Air Mixed	Cloudburst	SW 6487
Biosolids, Dewatered	Protégé Bronze	SW 6153
Biosolids, Liquid	Universal Khaki	SW 6150
Centrate	Lemon Chiffon	SW 6686
Centrate, Final	Morning Sun	SW 6672
Centrate, Intermediate	June Day	SW6682
Chlorine	Solar Yellow	SW 4075
Citric Acid	Lemon Twist	SW6909
Condensate	Moon mist	SW9144
Dewatered Scum	Dark Night	SW6237
Digester Gas	Safety Red	SW 4081
Drain	Armagnac	SW6354
Dry Polymer Storage	Lime Granita	SW 6715
Exhaust Air	Mindful Gray	SW7016
Filtrate	Beige	SW2859
Ferric Chloride	Solar Yellow	SW 4075
Final/Secondary Effluent	Emerald Ice	SW 4069
Flushing Water	Safety Blue	SW 4086
Foul Air	Avocado	SW2861
Glycol Supply	Gala Pink	SW 6579
Glycol Return	Hibiscus	SW 6851
Hauled Liquid Waste	Browse Brown	SW6012
High-Rate Clarification Effluent	Alexandrite	SW0060
Hot Water Supply	Lucky Green	SW 6926
Hot Water Return	Picnic	SW 6731
Instrument Air	Shamrock (dark green)	SW 6454
Liquid Polymer Storage	Lime Rickey	SW 6717
Lubricating Oil	Copper Mountain	SW6356
Magnesium Chloride	Dockside Blue	SW7601
Methanol	Gallant Gold	SW6391
Micro-Sand Makeup	Sequin	SW6394
Mixed Liquor	Extra White	SW 7006
Mixed Polymer	Earl Grey	SW7660
Natural Gas	Safety Yellow	SW 4084
Non-Potable Water	Something Blue	SW6800
Outside Air	High Reflective White	SW7757
Oxygen	Mature Grape	SW 6286
Phosphorus Recovery Effluent	Veri Berri	SW9069
Potable Water	Vapor (light blue)	MC-85

Primary Effluent	Lazy Grey	SW 6254
Primary Sludge	Iron Ore	SW 7069
Process Air	Grandview (bluer green)	SW 6466
Process Drain	Extra White	SW 7006
Process Gas	Retro Mint	SW9036
Process Overflow	Coral Rose	SW9004
Process Vent	Drift of Mist	SW9166
Rain/ Roof Water	Web Gray	SW7075
Rain Water Leader	Web Gray	SW 7075
Raw Sewage	Sturdy Brown	SW6097
Refrigerant	Festoon Aqua	SW0019
Return Activated Sludge- Train 1	Pineapple Cream	SW 1668
Return Activated Sludge- Train 2	Invigorate (orange)	SW 6886
Return Activated Sludge- Train 3	Drift of Mist (Cream)	SW 9166
Sample	Positive Red	SW6871
Sanitary Sewer	Web Gray	SW 7075
Screenings	Cascades	SW7623
Scum/Degreasing	Grays Harbour	SW 6236
Seal Water	Watery	SW6478
Service Air	Shamrock	SW6454
Sludge, Cake Hopper	Extra White	SW 7006
Sludge, Cake Line	Overjoy	SW 6689
Sludge, Cake Pump Drive	Festival Green (very green)	SW 6923
Sludge, Cake Storage	Overjoy	SW 6689
Sludge, Conditioned	Rock Bottom	SW7062
Sludge, Dewatered	Attitude Gray	SW7060
Sludge, Feed/Transfer	Curry	SW 6671
Sludge, Hauled	Magnetic Gray	SW7058
Sludge High-Rate Clarification	Silver Strand	SW7057
Sludge, Mixing System	Navel	SW 6887
Sludge, Phosphorus Released	Oak Leaf Brown	SW7054
Sludge, Screened	Blackberry	SW7577
Sodium Hydroxide	Brave Purple	SW6823
Sodium Hypochlorite	Fun Yellow	SW6908
Steam	Carnival	SW6892
Struvite	Izmir Purple	SW6825
Supernatant, Fermenter	Center Stage	SW6920
Tempered Water	Jaipur Pink	SW6577
Thickened Waste Activated Sludge	Black Magic	SW6991
Thin Sludge	Solaria	SW 6688
Waste Activated Sludge	Tricorn Black	SW 6258
Well Water Supply	Flyway	SW 6794
Well Water Return	Sky Fall	SW 9049

3 PAINT COLOUR CODES- EQUIPMENT

1. Paint type should be selected as appropriate for the area in which it will be used. Environmental conditions of the area should be taken into consideration.

Item	New Colour Name	Sherwin Williams Paint Code
Boilers	Heat Resistant Aluminum	B 59S3
Mix Age Polymer Tanks	Outgoing Orange	SW 6641
Motor Bases	Poppy Flower	SW 2904
Polymer Feed Tanks	Techno Teal	SW 4065
Valve Hand/Chain wheels	Safety Red	SW 4081

4 PAINT COLOUR CODES- CIVIL STRUCTURE

1. Paint type should be selected as appropriate for the area in which it will be used. Environmental conditions of the area should be taken into consideration.

Item	New Colour Name	Sherwin Williams Paint Code
Concrete/Block work	Cirrus White	SW 4012

5 PAINT COLOUR CODES- DUCT

1. Paint type should be selected as appropriate for the area in which it will be used. Environmental conditions of the area should be taken into consideration.
2. Directional arrows to be used to indicate flow.

Item	New Colour Name	Sherwin Williams Paint Code
Duct Work	Unusual Gray	SW 7059

6 PAINT COLOUR CODES- OTHER MISCELLANEOUS

1. Paint type should be selected as appropriate for the area in which it will be used. Environmental conditions of the area should be taken into consideration.

Item	New Colour Name	Sherwin Williams Paint Code
Exterior Pedestals/Panels	Safety Yellow	SW 4084
Handrails (Painted)	Aluminum	B 59S2
Bollards	Safety Yellow	SW 4084
Rain Water Leaders	Web Gray	SW 7075
Steel Pipe Supports	Grey	Ansi 61 Grey



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