

DOCUMENT MANAGEMENT SYSTEM

Page 1 of 2

Doc# NSCS-M-P-7094-03
 Title: Recording Turn Information
 Issue Dt: 05/22/2001
 Revision Dt: 07/20/2018 Review Interval: 12
 Cat: Quality Doc Type: SOP
 Auth:
 Desc: Recording Turn Information
 Loc: Midwest - Utilities-Midwest - Plant Maintenance-Midwest-Gary Works

STEPS/PROCEDURES

If there is no Operator for a particular turn, leave that section blank.

Date: to be filled in by the first Operator of the day (beginning with 1st Turn).

Parameters

Sludge Flow Totalizer West Flow Meter (NFT) (gal)

Record Final Treatment sludge pumps totalizer reading in gallons at the end of the turn.

Sludge Flow Totalizer North Press (gal).

Record totalizer reading in gallons at the end of the turn.

Sludge Flow Totalizer South Press (gal).

Record totalizer reading in gallons at the end of the turn.

East Thickener Torque %

Record the East thickener drive torque at the start of the turn.

East Thickener Level (feet and inches)

Record the depth of sludge in feet and inches in the east thickener.

East Thickener pH

Record the pH of the east thickener at the start of the turn.

West Thickener Torque%

Record the West thickener drive torque at the start of the turn.

West Thickener Level (feet and inches).

Record the depth of sludge in feet and inches in the west thickener.

West Thickener pH

Record the pH of the west thickener at the start of the turn.

ORP of Sludge from Final Treat (mv)

Record ORP from meter at the Final Treatment Plant as mV.

Lime silo level %

Read meter in air compressor building as percentage.

Min. of lime to gravity thickeners.

Amount of time in minutes lime was fed to gravity thickener.

Time Lime Area was Cleaned

Record the time of day during the shift.

Sludge pH to Filter Press

Read meter in the press building as S. U.

ORP of Sludge to Filter Press

Read meter in the press building as mV.

BSMT Sump/Bldg Heat/Ventilation; Fire Hose/Eye Wash; Lime Area

Yes/No. Record any issues in the Comments sections.

North Filter Press:

These are done for every Press cycle:

Fill time – time to fill the press (minutes)

Cake thick – thickness of the cake (mm)

Solids – oven test. (%)

South Filter Press:

Same as North press above.

Trailer Loads of Sludge to Landfill:

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Page 2 of 2

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Time shipped – time tub left Sludge Dewatering

Cycles in trailer – number of times cake was dropped from that press.

Plate Wash North/South

Indicate either North or South press.

Cycles – number of cycles since last plate wash.

Passes – number of times (1, 2, or 3) the wash bar passes the plate.

Turn – what turn plate wash was done. (1st, 2nd, or 3rd)

Press Cycles since Last Filter Cloth Replacement

Indicate the number of cycles since the last filter cloth was replaced on either the north or south press.

Supplies and Maintenance Requests: If supplies like paper towels, cable ties, etc. need to be ordered or anything out of the ordinary that happened during your turn, record it here.