



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

July 7, 2011

RE: NPDES Compliance Evaluation Inspection and
Notice of Violation

Mr. Tim W. McDaniel
Navistar, Inc.
6125 Urbana Road
Springfield, OH 45502

Dear Mr. McDaniel:

On June 21st I met with Lisa Silva, Terry Fisher and Ken Evanchuck to conduct a Compliance Evaluation Inspection (CEI) of your facility. At the time of the inspection there was no discharge from the wastewater treatment plant and the water level in both final clarifiers was below the overflow weirs. The treatment plant otherwise looked like it was operating properly. I noted that at the beginning of June, the industrial waste clarifier was repaired after about six months of the drag chains being broken and that the sand in the final sand filter was replaced along with the scouring tubes that were deteriorated.

A review of discharge monitoring reports since the previous inspection revealed the following summary of reported violations:

| Outfall 001 | | | | | |
|-------------------|------------------------|---------------------|----------------|----------------------|----------------|
| Parameter | Date | Limit | Reported Value | Limit | Reported Value |
| TSS | July 2010 | 12 mg/l (mo. avg.) | 12.166 mg/l | | |
| | May 2011 | | 13 mg/l | | |
| | May 8 -14, 2011 | 18 mg/l (wk. Avg.) | 21 mg/l | 14 Kg/day (wk. avg) | 16.5964 Kg/day |
| CBOD ₅ | December 15-21, 2010 | 18 mg/l (wk. Avg.) | 41.3 mg/l | 14 Kg/day (wk. avg) | 14.9988 Kg/day |
| | December 22-28, 2010 | | 23.2 mg/l | | |
| | February 8 - 14, 2011 | | 59 mg/l | 14 Kg/day (wk. avg.) | 36.4003 Kg/day |
| | February 15 - 21, 2011 | | 43 mg/l | | 26.3663 Kg/day |
| | February 2011 | 12 mg/l (mo. Avg.) | 30 mg/l | 9 Kg/day (mo. avg.) | 17.6674 Kg/day |
| Mercury | December 2010 | 12 ng/l (mo. avg.) | 97.7 ng/l | 0.000009 Kg/day | 0.00001 Kg/day |
| Silver | March 4, 2011 | 35 ug/l (daily max) | 42 ug/l | 0.0265 Kg/Day | 0.02923 Kg/day |
| Outfall 002 | | | | | |
| Temperature | June 26, 2010 | 29 °C | 30 °C | | |
| | July 8, 2010 | | 31 °C | | |
| | August 10, 2010 | | 31 °C | | |

Since you have previously provided written explanations for these violations, no further response is necessary.

Findings from my inspection are as follows:

1. Mr. Fisher indicated he was trying to figure out a problem with the return activated sludge (RAS) system as one oxidation ditch was carrying much more solids than the other. While at the ditches, he noticed that a gate valve separating the discharge channels was not closed all the way and he closed it. Please inform me if his action resolved the problem or otherwise if another solution was found.
2. When I asked to see the pacing on the sampler for station 601, I observed that the programming appeared to be set for time-proportional sampling. Your NPDES permit requires flow-proportional sampling and I highlighted this need in my inspection last year. Please provide the sampler pacing in milliliters collected per gallons discharged that will be programmed for all future monitoring. Please also indicate how many gallons generate a pulse by the 601 flow meter.
3. Ms. Silva indicated that effluent samples are being split for analysis by MPS in the on-site lab and by Alloway Laboratories. Please provide a summary of the results and your evaluation of how the results compare.
4. It was my understanding that the standby generator is run periodically, but that it has not been put under a load. I recommend that you regularly practice bringing the generator on-line to help ensure uninterrupted operations during power outages.
5. It did not appear that the flow meters have been calibrated and you indicated that calibrations would be performed this summer. Please check with the manufacturer to find out the procedure and recommended frequency for calibrations and indicate how you plan to ensure the flow meters will be kept calibrated in the future. I would also be interested in knowing when the calibrations are performed and whether there are any significant changes in flow readings before and after the calibrations.
6. Please provide technical specifications for thermometers used for final effluent monitoring, sample collection and holding, and sample analysis. It would be ideal if this information was provided in a table format indicating the thermometer location, the make and model and the accuracy. If any thermometers are not accurate enough for their application, please indicate your plans for their replacement. Also, please indicate if you have an NIST-traceable thermometer for use in checking the thermometers that are not NIST-traceable.

Finally, you inquired as to the possibility of waiting until the end of the year to decide if a new mercury variance will be necessary. Navistar's NPDES permit requires this determination be submitted with your renewal application. Aside from the inability to modify the terms and conditions of the permit prior to the due date of the renewal application when a new mercury variance request is due, with no on-going or planned efforts to identify and

Mr. Tim W. McDaniel
July 7, 2011
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reduce mercury sources contributing to the discharge, I can see no justification for providing an extension of time. You indicated that the requested time would be spent collecting data through normal monitoring required by your NPDES permit. Please note that a mercury variance request submitted at the time of application could be withdrawn prior to the permit renewal becoming effective next year if data indicates discharge concentrations below 12 ng/l is expected to be sustained.

Please provide a written response to this inspection letter by August 1, 2011 addressing the findings I have presented. If you have any questions concerning this letter or the attached inspection form, please call me at (937) 285-6095.

Sincerely,



Matt Walbridge
Division of Surface Water

ENCLOSURES

CC: Lisa Silva – Navistar
Ken Evanchuck – MPS Group



Southwest District Office

NPDES Compliance Inspection Report

| Section A: National Data System Coding | | | | | |
|--|--------------------------|----------------|---|-----------|-------------------------|
| Permit # | NPDES# | Month/Day/Year | Inspection Type | Inspector | Facility Type |
| OH0009954 | 11N00022*JD | 6-21-11 | C | S | 2 |
| Section B: Facility Data | | | | | |
| Name and Location of Facility Inspected | | Entry Time | Permit Effective Date | | |
| Navistar, Inc. 6125 Urbana Road Springfield, OH 44501 | | 0930 | 8-1-07 (modified 3-1-11) | | |
| | | Exit Time | Permit Expiration Date | | |
| | | 1230 | 1-31-12 | | |
| Name(s) and Title(s) of On-Site Representatives | | | Phone Number(s) | | |
| Lisa Silva – Navistar / Environmental Engineering Supervisor Ken Evanchuck – MPS Group / Site Facilities Manager Terry Fisher – MPS Group / Wastewater Supervisor | | | (937) 390-4026 (office) 605-0835 (cell) (937) 414-7308 (cell) (937) 313-1126 (cell) | | |
| Name, Address and Title of Responsible Official | | | Phone Number | | |
| Tim McDaniel - Environmental Health and Safety Manager Navistar, Inc. 6125 Urbana Road Springfield, OH 44501 | | | (937) 390-4024 | | |
| Section C: Areas Evaluated During Inspection | | | | | |
| (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated) | | | | | |
| S | Permit | S | Flow Measurement | N | Pretreatment |
| S | Records/Reports | U | Laboratory | M | Compliance Schedule |
| S | Operations & Maintenance | S | Effluent/Receiving Waters | U | Self-Monitoring Program |
| S | Facility Site Review | S | Sludge Storage/Disposal | N | Collection System |
| Section D: Summary of Findings (Attach additional sheets if necessary) | | | | | |
| <p>The facility was not discharging. The water level in both clarifiers was below the weirs.</p> <p>Both oxidation ditches in use - mixed liquor looked good. They were struggling with solids balance between the two ditches that they think is related to RAS pumps/valves/lines. While at the ditches, Mr. Fisher noticed that a gate valve that separates the discharge channels for each ditch was not closed all the way so he closed it. The partially open valve could cause one clarifier to receive a higher flow/solids loading.</p> <p>Industrial waste clarifier was brought back on-line on June 11, 2011 after repairs to drag chains. It was down for at least six months even though it was being used for settling with limited ability to remove solids.</p> <p>Water level in influent channel seemed high. Step screen was able to be activated.</p> <p>Diffusor drops added where missing in tanks T2-A and T2-B.</p> <p>No solids were observed in the receiving stream. Fish were swimming near the outfall.</p> <p>EQ tank being filled in preparation for plant shutdown to allow for blending with high-strength tank dumps.</p> <p>Sand in effluent filter was replaced June 10, 2011.</p> <p>See Inspection letter for further findings.</p> | | | | | |
| Inspector | | | Reviewer | | |
| | | 7-7-11 | | | 7/11/11 |
| Matt Walbridge Division of Surface Water Southwest District Office | | Date | Martyn Burt Environmental Supervisor Division of Surface Water Southwest District Office | | Date |

Y – Yes, N – No, N/A – Not Applicable, N/E – Not Evaluated

Section E: Permit Verification

Inspection observations verify the permit

- (a) Correct name and mailing address of permittee Y
- (b) Correct name and location of receiving waters..... Y
- (c) Product(s) and production rates conform with permit application (Industries)..... NA
- (d) Flows and loadings conform with NPDES permit..... Y
- (e) Treatment processes are as described in permit application... Y
- (f) New treatment process(es) added since last inspection..... N
- (g) Notification given to State of new, different or increased discharges..... NA
- (h) All discharges are permitted..... N/A
- (i) Number and location of discharge points are as described in permit..... Y

Comments/Status:

- c) & d) Production rate and discharge flows are much lower than what the permit were based on.*
- e) All treatment units were in service.*
- f) Several units (especially the industrial waste clarifier and final effluent sand filter) were recently refurbished.*

Section E: Permit Verification

- (a) Any significant violations since the last inspection..... N
- (b) Permittee is taking actions to resolve violations..... Y
- (c) Permittee has a compliance schedule..... N
- (d) Compliance schedule contained in
- (e) Permittee is meeting compliance schedule..... N/A

Comments/Status:

- a) Limit violations for TSS, CBOD, Silver, Mercury and Temperature (see cover letter for a summary)*
- e) They have a mercury variance addressed in Part II, Item U of their NPDES permit.*

Section G: Operation & Maintenance

Treatment Works:

- (a) Standby power available.....generator and/or dual feed Y
- (b) Adequate alarm system available for power or equipment failures.. Y
- (c) All treatment units in service other than backup units..... N
- (d) Operator holds unexpired license of class required by permit..... Y
Class: I
- (e) Routine and preventative maintenance schedule/performed on time..... N
- (f) Any major equipment breakdown since last inspection..... Y
- (g) Operation and maintenance manual provided and maintained.... Y
- (h) Any plant bypasses since last inspection..... N
- (i) Regulatory agency notified of bypasses..... NA
On MORs and/or Spill Hotline (1-800-282-9378)
- (j) Any hydraulic and/or organic overloads since last inspection..... Y

Comments/Status:

- a) *Second feed only serves the alarm system – it doesn't operate any treatment equipment.*
- b) *High level for wet well, EQ basin, mix reaction tank in industrial waste treatment. No alarm for out-of-range pH.*
- d) *Ken Evanchuck is a Class I, Terry Fisher is a Class III.*
- e) *O&M manual exists – they are working to create a schedule for maintenance. pH meters for industrial waste treatment calibrated once per week – they said they don't drift much. Meters were reading 3.3, 8.82 and 9.22.*
- f) *Industrial waste clarifier broke down at the end of 2010.*
- j) *CBOD violations in February 2011 were blamed on excessive feeding of acid clean wastewater.*

Collection System:

- (a) Percent combined system: 0 %
- (b) Any collection system overflows since last inspection..... NA
(CSO and/or SSO)
- (c) Regulatory agency notified of overflows (SSOs)..... NA
- (d) CSO O&M plan provided and implemented..... NA
- (e) CSOs monitored and reported in accordance with permit..... NA
- (f) Portable pumps used to relieve system..... NA
- (g) Lift station alarms provided and maintained..... NA
- (h) Are lift stations equipped with permanent standby power or equivalent..... NA
- (i) Is there an inflow/infiltration problem (separate sewer system), or were there any major repairs to collection system since last inspection..... NA
- (j) Any complaints received since last inspection of basement flooding NA
- (k) Are any portions of the sewer system at or near capacity..... NA

Comments/Status:

Extensive sewer cleaning for removing mercury was completed Summer 2010.

Section H: Sludge Management

- (a) Sludge management plan (SMP)
Submitted date: 5-29-96 Approval #: 05-352-IW Not submitted N/A
- (b) Sludge management plan current..... Y
- (c) Sludge adequately disposed..... Y
(Method: *Liquid to sanitary landfill where it is mixed with bulking agent until solid enough for disposal*)
- (d) If sludge is incinerated, where is ash disposed of NA
- (e) Is sludge disposal contracted..... Y
(Name: *Metropolitan Environmental Services comes as needed*)
- (f) Has amount of sludge generated changed significantly since the last inspection..... N
- (g) Adequate sludge storage provided at plant..... Y
- (h) Land application sites monitored and inspected per SMP.....NA
- (i) Records kept in accordance with State and Federal law..... Y
- (j) Any complaints received in last year regarding sludge..... N
- (k) Is sludge adequately processed (digestion, pathogen control)..... N/A

Comments/Status:

- f) 4.924 tons reported for 2010. (reported in December instead of September).
- k) It is more sludge storage than digestion. There was some recent problem with aeration and the sludge looked a little septic. Liquid sludge is sent to Suburban Landfill. I believe they could improve their sludge handling to increase solids concentrations.

Section I: Self-Monitoring Program

Flow Measurement:

- (a) Primary flow measuring device operated and maintained..... Y
Type of device: Ultrasonic & Parshall flume Ultrasonic & Weir
Weir Calculated from influent Other (Specify: Doppler)
- (b) Calibration frequency adequate ND
(Date of last calibration: **ND**)
- (c) Secondary instruments operated and maintained..... NA
- (d) Flow measurement equipment adequate to handle the full range of flows..... Y
- (e) Actual flow discharged is measured..... Y
- (f) Flow measuring equipment inspection frequency
 Daily (**for outfall 601**) Weekly monthly other

Comments/Status:

- a) Flow is monitored into and from the EQ basin. Weir w/ ultrasonic is provided at outfall 002. Outfall 001 has a flume with conductance.
- b) This meter hasn't been calibrated recently and is planned to be this summer.

Section I: Self-Monitoring Program (con't)

Sampling:

- (a) Sampling location(s) are as specified by permit..... Y
- (b) Parameters and sampling frequency agree with permit..... Y
- (c) Permittee uses required sampling method..... Y & N
- (d) Sample collection procedures are adequate..... Y
 - (i) Samples refrigerated during compositing..... Y
 - (ii) Proper preservation techniques used..... Y
 - (iii) Containers and sample holding times prior to analysis conform with 40 CFR 136.3..... Y
- (e) Monitoring records (i.e., flow, pH, DO) maintained for a minimum of three years including all original strip chart recordings (i.e, continuous monitoring instrumentation, calibration and maintenance records)..... Y
- (f) Adequate records maintained of sampling date, time, location, etc.. Y

Laboratory:

General

- (a) EPA approved analytical testing procedures used (40 CFR 136.3).. Y
- (b) If alternate analytical procedures are used, proper approval has been obtained.....NA
- (c) Analyses being performed more frequently than required by permit. N
- (d) If (c) is yes, are results in permittee's self-monitoring report..... N
- (e) Commercial laboratory used..... Y

Parameters analyzed by commercial lab:

Mercury, TTOs, heptachlor, phosphorous and cyanide

Lab name: **Alloway Laboratories**_(beginning in 2009)

Quality Control/Quality Assurance

- (f) Quality assurance manual provided and maintained..... Y
- (g) Satisfactory calibration and maintenance of instruments/equipment. Y
- (h) Adequate records maintained..... Y
- (i) Results of latest USEPA quality assurance performance sampling program: Satisfactory Marginal Unsatisfactory

Date:

Comments/Status:

Sampling:

c) *At outfall 001 they are conducting time-proportional sampling (20 ml/ 15 min.) whereas the permit requires flow-proportional sampling. Since the discharge flow is either 'on' or 'off', time-proportional sampling should be OK. At outfall 601 the sampler looked like it was set up for time-proportional sampling when the programming was called up. They could not tell me what the sampler pacing was.*

Laboratory:

- c) & d) *From April to June 2011 some samples for conventional parameters and metals were split with Alloway Laboratories. Results from Alloway were reported. Navistar is evaluating how the results compare.*
- i) *They indicated that they were in the process of running the analysis of the 2011 DMRQA and will be entering the results soon.*

Section J: Effluent/Receiving Water Observations

| Outfall Number | Oil sheen | Grease | Turbidity | Visible Foam | Visible Floating Solids | Color | Other |
|----------------|-----------|--------|-----------|--------------|-------------------------|-------|-------|
| 001 | | | | | | | |
| 002 | No | None | Clear | No | No | None | No |
| | | | | | | | |

Comments/Status:

001 – There was no discharge while I was at the facility. The receiving stream was clear with no solids visible in the stream bed in the vicinity of the outfall.

002 – I did not view the discharge from 002 (located upstream from 001). There was no visible impact to the stream at outfall 001.

Section K: Multimedia Observations

- (a) Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories..... N
- (b) Do you notice staining or discoloration of soils, pavement or floors.. N
- (c) Do you notice distressed (unhealthy, discolored, dead) vegetation.. N
- (d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks..... N
- (e) Do you notice any unusual odors or strong chemical smells..... N
- (f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities..... N

If any of the above are observed, ask the following questions:

- (1) What is the cause of the condition?
- (2) Is the observed condition or source a waste product?
- (3) Where is the suspected contaminant normally disposed?
- (4) Is this disposal permitted?
- (5) How long has the condition existed and when did it begin?

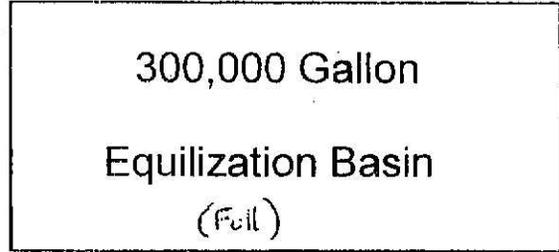
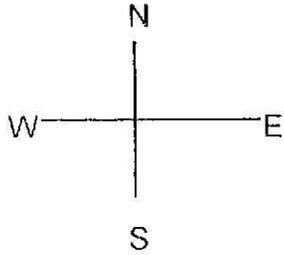
Comments/Status:

a) MPS Group is continuing to remove accumulated 'stuff'.

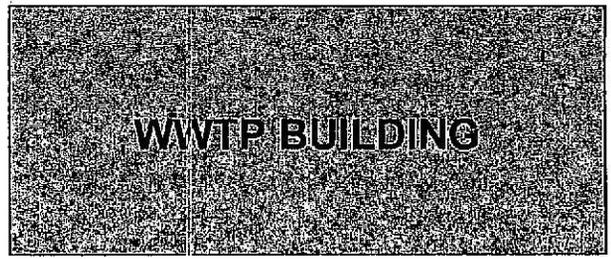


WWTP LAYOUT

6-21-11



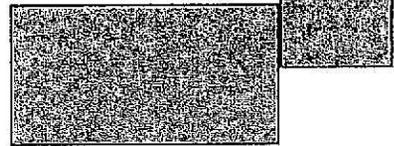
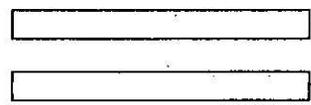
100,000 Gallons each tank



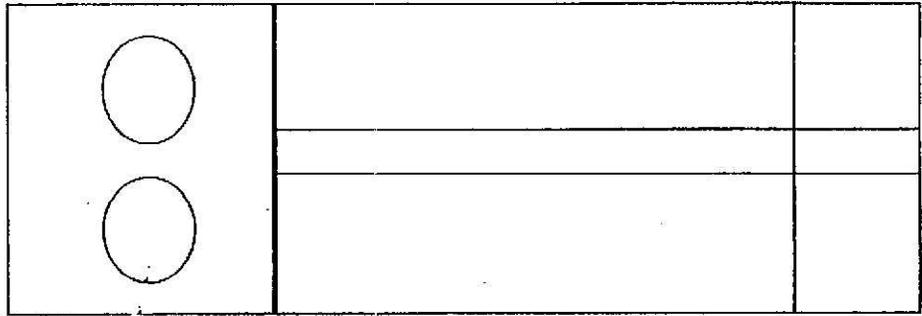
Orange Valve



Green Valve



Industrial Waste water Clarifier



Oxidation Ditches with Clarifiers

Chlorination



Dechlorination Building

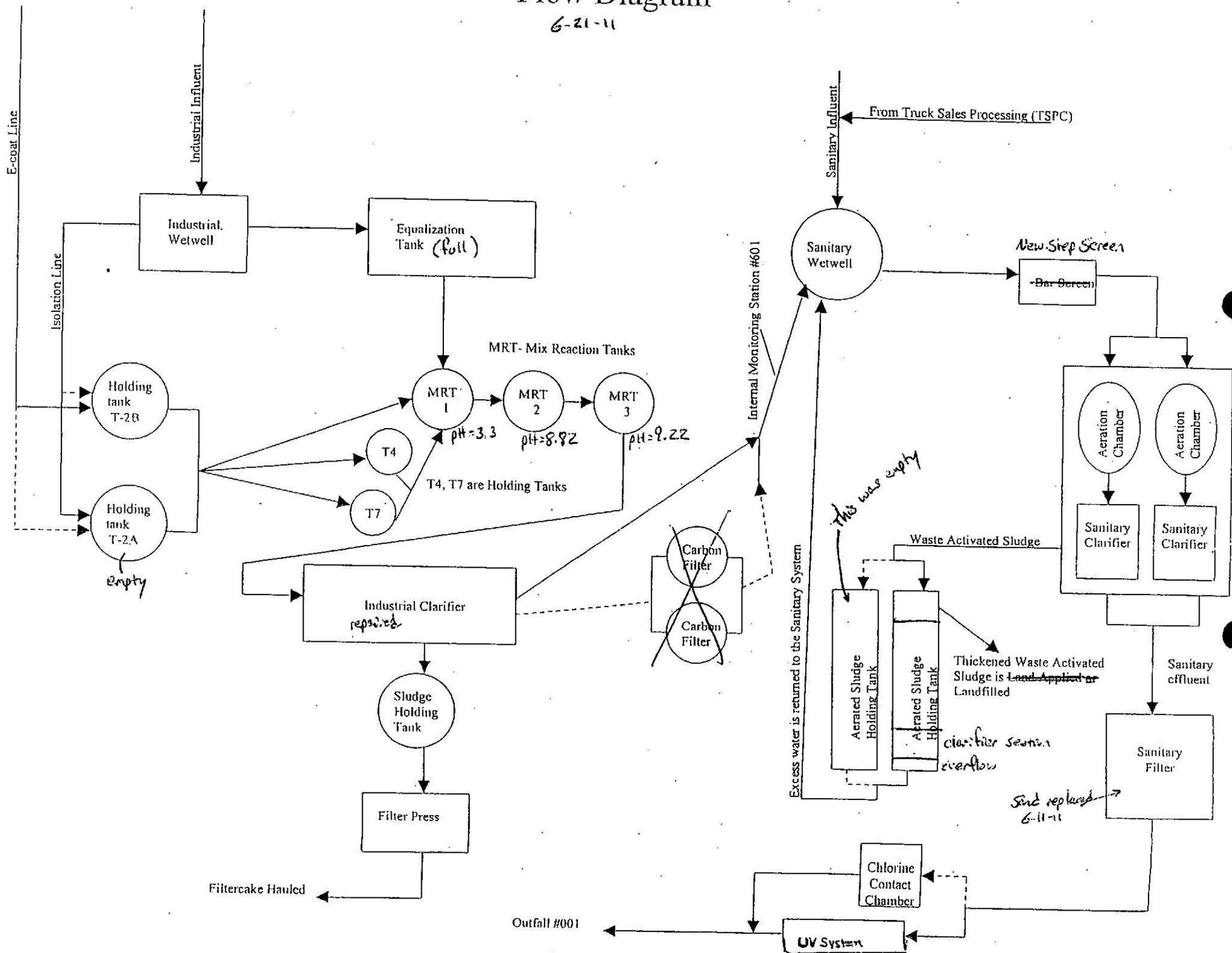


UV SYSTEM

JMM

Flow Diagram

6-21-11



Get New Data

| Permit No | Reporting Period | Station | Reporting Code | Parameter | Sample Frequency | Expected | Reported | Violation Date |
|-------------|------------------|---------|----------------|------------------------|------------------|----------|----------|----------------|
| 11N00022*ID | October 2007 | 001 | 61426 | Chronic Toxicity, Ceri | 1/Quarter | 1 | 0 | 10/01/2007 |
| 11N00022*ID | January 2008 | 001 | 61426 | Chronic Toxicity, Ceri | 1/Quarter | 1 | 0 | 01/01/2008 |
| 11N00022*ID | April 2008 | 001 | 61426 | Chronic Toxicity, Ceri | 1/Quarter | 1 | 0 | 04/01/2008 |
| 11N00022*ID | July 2008 | 001 | 61426 | Chronic Toxicity, Ceri | 1/Quarter | 1 | 0 | 07/01/2008 |
| 11N00022*ID | October 2008 | 001 | 61426 | Chronic Toxicity, Ceri | 1/Quarter | 1 | 0 | 10/01/2008 |
| 11N00022*ID | January 2009 | 001 | 61426 | Chronic Toxicity, Ceri | 1/Quarter | 1 | 0 | 01/01/2009 |
| 11N00022*ID | March 2009 | 002 | 50060 | Chlorine, Total Residu | 1/Week | 1 | 0 | 03/01/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/01/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/02/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/03/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/04/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/05/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/06/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/07/2009 |
| 11N00022*ID | March 2009 | 002 | 50060 | Chlorine, Total Residu | 1/Week | 1 | 0 | 03/08/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/08/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/09/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/10/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/11/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/12/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/13/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/14/2009 |
| 11N00022*ID | March 2009 | 002 | 50060 | Chlorine, Total Residu | 1/Week | 1 | 0 | 03/15/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/15/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/16/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/17/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/18/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/19/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/20/2009 |
| 11N00022*ID | March 2009 | 002 | 50047 | Flow, Peak Rate | 1/Day | 1 | 0 | 03/21/2009 |
| 11N00022*ID | March 2009 | 002 | 50060 | Chlorine, Total Residu | 1/Week | 1 | 0 | 03/22/2009 |

Were reporting on different quarters.



Navistar

Get New Data

| Permit No | Reporting Period | Station | Reporting Code | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|-------------|------------------|---------|----------------|------------------------|------------|--------|----------------|--------------------------------------|
| 11N00022*ID | July 2008 | 001 | 80082 | CBOD 5 day | 7D Conc | 18 | 19. | 7/1/2008 |
| 11N00022*ID | May 2008 | 002 | 00550 | Oil and Grease, Total | 1D Qty | 2.8 | 4.11051 | 5/8/2008 NA (loading limits removed) |
| 11N00022*ID | November 2007 | 001 | 80082 | CBOD 5 day | 7D Conc | 18 | 19. | 11/8/2007 |
| 11N00022*ID | August 2009 | 002 | 00010 | Water Temperature | 1D Conc | 29 | 30. | 8/10/2009 |
| 11N00022*ID | February 2011 | 001 | 80082 | CBOD 5 day | 30D Conc | 12 | 30. | 2/1/2011 |
| 11N00022*ID | February 2011 | 001 | 80082 | CBOD 5 day | 7D Conc | 18 | 59. | 2/8/2011 |
| 11N00022*ID | February 2011 | 001 | 80082 | CBOD 5 day | 7D Conc | 18 | 43. | 2/15/2011 |
| 11N00022*ID | February 2011 | 001 | 80082 | CBOD 5 day | 30D Qty | 9 | 17.6674 | 2/1/2011 |
| 11N00022*ID | February 2011 | 001 | 80082 | CBOD 5 day | 7D Qty | 14 | 36.4003 | 2/8/2011 |
| 11N00022*ID | February 2011 | 001 | 80082 | CBOD 5 day | 7D Qty | 14 | 26.3663 | 2/15/2011 |
| 11N00022*ID | June 2010 | 002 | 00010 | Water Temperature | 1D Conc | 29 | 30. | 6/26/2010 |
| 11N00022*ID | July 2010 | 001 | 00530 | Total Suspended Solids | 30D Conc | 12 | 12.1666 | 7/1/2010 - sig fig |
| 11N00022*ID | July 2010 | 002 | 00010 | Water Temperature | 1D Conc | 29 | 31. | 7/8/2010 |
| 11N00022*ID | August 2010 | 002 | 00010 | Water Temperature | 1D Conc | 29 | 31. | 8/10/2010 |
| 11N00022*ID | November 2009 | 001 | 80082 | CBOD 5 day | 7D Conc | 18 | 26. | 11/15/2009 |
| 11N00022*ID | December 2010 | 001 | 80082 | CBOD 5 day | 30D Conc | 12 | 22.3 | 12/1/2010 |
| 11N00022*ID | December 2010 | 001 | 80082 | CBOD 5 day | 7D Conc | 18 | 41.3 | 12/15/2010 |
| 11N00022*ID | December 2010 | 001 | 80082 | CBOD 5 day | 7D Conc | 18 | 23.2 | 12/22/2010 |
| 11N00022*ID | December 2010 | 001 | 80082 | CBOD 5 day | 7D Qty | 14 | 14.9988 | 12/15/2010 |
| 11N00022*ID | December 2010 | 001 | 50092 | Mercury, Total (Low Le | 30D Conc | 12 | 97.7 | 12/1/2010 |
| 11N00022*ID | December 2010 | 001 | 50092 | Mercury, Total (Low Le | 30D Qty | 0.0000 | .00001 | 12/1/2010 |

overloaded the system w/ acid clean wastewater 15K gallons instead of 5K gallons.

- sig fig

Shutdown food problems transition from union to contract operations.

TSS 5-11-11 21



