ADEQ
ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: **04-00154** | PERMIT #: **AR0022403** | DATE: **8/1/2017**

COUNTY: **04 Benton** | PDS #: **098501** | MEDIA: **WN**

GPS LAT: **35.64656** LONG: **-89.94089** LOCATION: **Outfall**

FACILITY INFORMATION

NAME:
Wal-Mart TMG
LOCATION:
6301 SW Regional Airport Blvd.
CITY:
Bentonville

RESPONSIBLE OFFICIAL

NAME: / TITLE
Nancy Busen / Pretreatment Supervisor
COMPANY:
City of Bentonville
MAILING ADDRESS:
1901 N.E. "A" Street
CITY, STATE, ZIP:
Bentonville AR 72712
PHONE & EXT: / FAX:
479-271-3160 /
EMAIL:
NBusen@bentonvillear.com
CONTACTED DURING INSPECTION: **Yes**

INSPECTION INFORMATION

FACILITY TYPE: **********************
INSPECTOR ID#: **83321 S - State**
FACILITY EVALUATION RATING: *******
INSPECTION TYPE: **Industrial User**
DATE(S): **8/1/2017** ENTRY TIME: **13:45** EXIT TIME: **14:35**
PERMIT EFFECTIVE DATE:
PERMIT EXPIRATION DATE:

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
Garrett Grimes, ADEQ District Field Inspector
Roman Rios, City of Bentonville
Tim McGee, City of Bentonville
Charles Bishop, Wal-Mart TMG

AREA EVALUATIONS

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)

**	PERMIT	**	FLOW MEASUREMENT	**	STORMWATER
**	RECORDS/REPORTS	**	LABORATORY	**	FACILITY SITE REVIEW
**	OPERATION & MAINTENANCE	**	EFFLUENT/RECEIVING WATER	**	SELF-MONITORING PROGRAM
**	SAMPLING	**	SLUDGE HANDLING/DISPOSAL	**	PRETREATMENT
**	OTHER:				

SUMMARY OF FINDINGS

GENERAL COMMENTS

Overall the facility was well maintained and after speaking with facility personnel the pretreatment system maintenance is regularly scheduled by corporate. However, after reviewing the Operations and Maintenance manual and asking where the thickness of the oil and solids is tested the facility personnel were not familiar with the methods or location of testing. Facility personnel should be aware of this even if they are not the ones conducting the testing.

INSPECTOR'S SIGNATURE: ←Click text to left to add signature **-Inspector Name** DATE:

SUPERVISOR'S SIGNATURE:  **Jason Bolenbaugh** DATE: **8/8/2017**

POTW Pretreatment Program

Industrial Site Visit

Name of Industry: Wal-Mart TMG (Distribution Center)

Industry Contacts: Charles Bishop, Service Manager

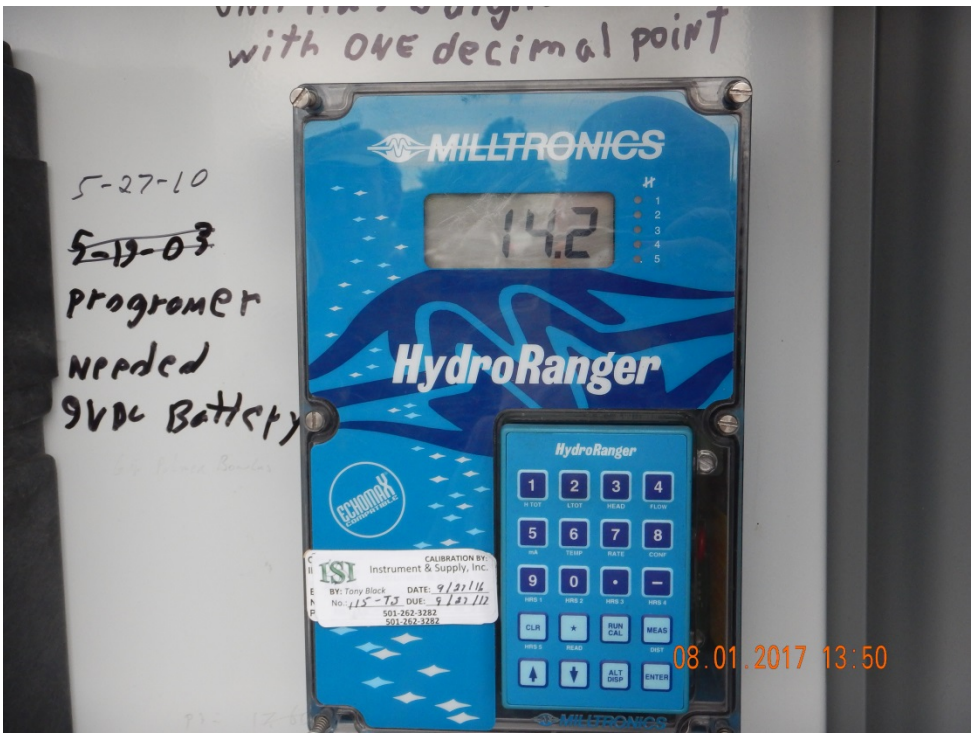
Type of Industry: SIC Code 4173: Terminal and Services Facilities for Vehicle Passenger Transportation

Date of Visit: August 1, 2017

1.	**Significant industrial user:**	**X**	**Yes**	**_____No**	**_____N/A**
2.	**Pretreatment equipment or procedures?**	**X**	**Yes**	**_____No**	**_____N/A**
3.	**Pretreatment equipment maintained and operational?**	**X**	**Yes**	**_____No**	**_____N/A**
4.	**Hazardous waste generated or stored?**	**X**	**Yes**	**_____No**	**_____N/A**
5.	**Proper solid waste disposal?**	**X**	**Yes**	**_____No**	**_____N/A**
6.	**Solvent management/TTO control?**	**X**	**Yes**	**_____No**	**_____N/A**
7.	**Suitable sampling location?**	**X**	**Yes**	**_____No**	**_____N/A**
8.	**Appropriate self-monitoring procedures/equipment?**	**X**	**Yes**	**_____No**	**_____N/A**
9.	**Adequate spill prevention?**	**X**	**Yes**	**_____No**	**_____N/A**
10.	**Industry familiar with limits and requirements?**	**X**	**Yes**	**_____No**	**_____N/A**

Water Division Photographic Evidence Sheet					
Location:	**Wal-Mart TMG**				
Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**13:48**
Witness:				Photo #:	**1**
Description:	**Outfall 001 w/ flow measuring device and 6” Parshall Flume.**				

Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**13:50**
Witness:				Photo #:	**2**
Description:	**Flow meter of pretreatment unit at Wal-Mart TMG reading 14.2 gallons/minute.**				



Water Division Photographic Evidence Sheet					
Location:	**Wal-Mart TMG**				
Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**14:00**
Witness:				Photo #:	**3**
Description:	**Truck wash bay.**				

Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**14:03**
Witness:				Photo #:	**4**
Description:	**Truck wash chemical building.**				

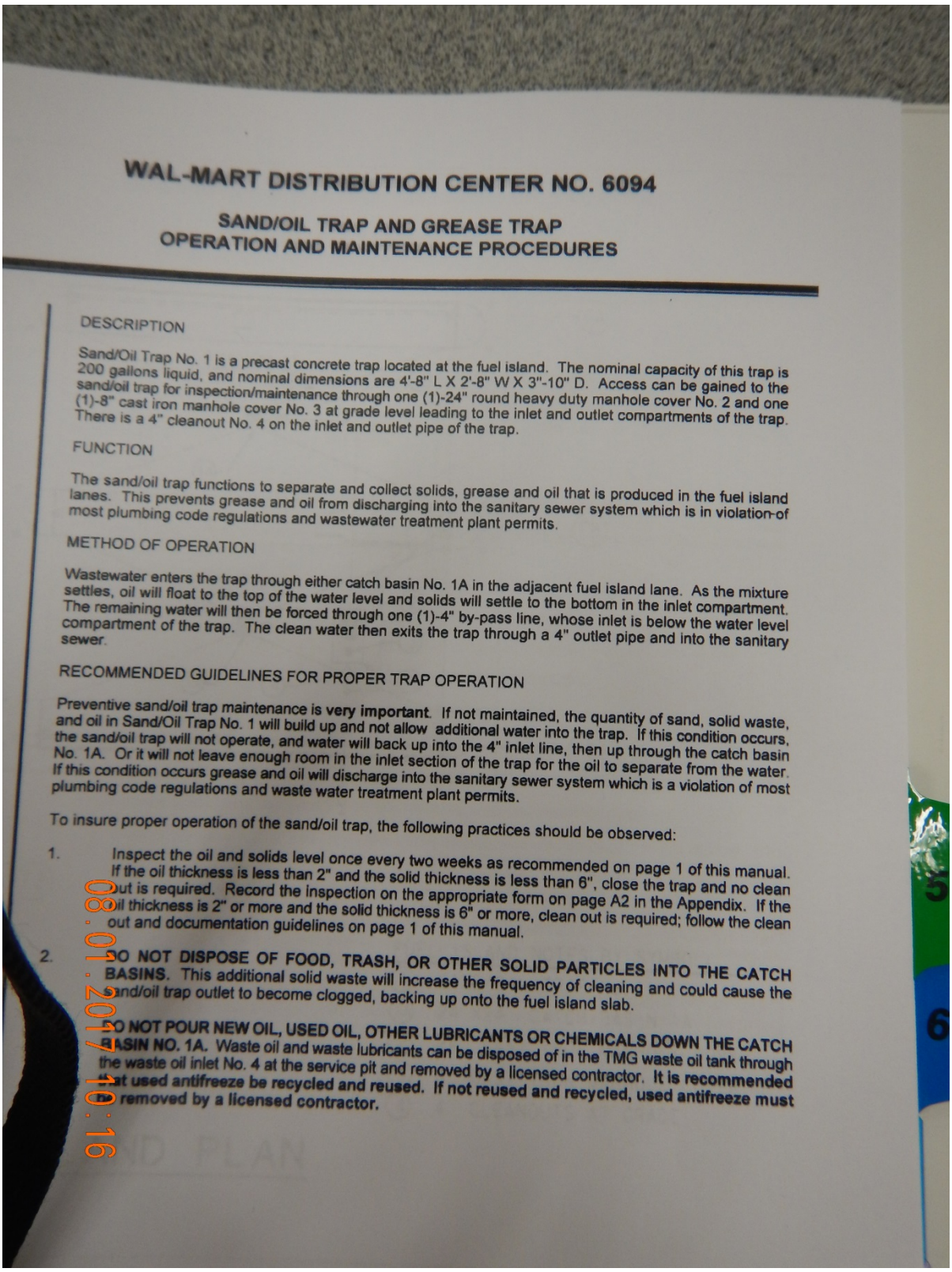
Water Division Photographic Evidence Sheet					
Location:	**Wal-Mart TMG**				
Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**14:06**
Witness:				Photo #:	**5**
Description:	**Oil drum located in the truck maintenance garage. Barrels were located on a spill containment platform.**				

Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**14:10**
Witness:				Photo #:	**6**
Description:	**Truck fueling station. Fluid containers hold windshield washer fluid or bug remover fluid.**				

Water Division Photographic Evidence Sheet					
Location:	**Wal-Mart TMG**				
Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**14:10**
Witness:				Photo #:	**7**
Description:	**Windshield washer fluid and de-icer.**				

Photographer:	**Jason Bolenbaugh**	Date:	**8/1/2017**	Time:	**14:35**
Witness:				Photo #:	**8**
Description:	**Used oil being picked up by contractor.**				

Wal-mart TMG Sand/Oil Trap and Grease Trap O&M Procedures.



WAL-MART DISTRIBUTION CENTER NO. 6094

SAND/OIL TRAP AND GREASE TRAP OPERATION AND MAINTENANCE PROCEDURES

DESCRIPTION

Sand/Oil Trap No. 1 is a precast concrete trap located at the fuel island. The nominal capacity of this trap is 200 gallons liquid, and nominal dimensions are 4'-8" L X 2'-8" W X 3"-10" D. Access can be gained to the sand/oil trap for inspection/maintenance through one (1)-24" round heavy duty manhole cover No. 2 and one (1)-8" cast iron manhole cover No. 3 at grade level leading to the inlet and outlet compartments of the trap. There is a 4" cleanout No. 4 on the inlet and outlet pipe of the trap.

FUNCTION

The sand/oil trap functions to separate and collect solids, grease and oil that is produced in the fuel island lanes. This prevents grease and oil from discharging into the sanitary sewer system which is in violation of most plumbing code regulations and wastewater treatment plant permits.

METHOD OF OPERATION

Wastewater enters the trap through either catch basin No. 1A in the adjacent fuel island lane. As the mixture settles, oil will float to the top of the water level and solids will settle to the bottom in the inlet compartment. The remaining water will then be forced through one (1)-4" by-pass line, whose inlet is below the water level compartment of the trap. The clean water then exits the trap through a 4" outlet pipe and into the sanitary sewer.

RECOMMENDED GUIDELINES FOR PROPER TRAP OPERATION

Preventive sand/oil trap maintenance is **very important**. If not maintained, the quantity of sand, solid waste, and oil in Sand/Oil Trap No. 1 will build up and not allow additional water into the trap. If this condition occurs, the sand/oil trap will not operate, and water will back up into the 4" inlet line, then up through the catch basin No. 1A. Or it will not leave enough room in the inlet section of the trap for the oil to separate from the water. If this condition occurs grease and oil will discharge into the sanitary sewer system which is a violation of most plumbing code regulations and waste water treatment plant permits.

To insure proper operation of the sand/oil trap, the following practices should be observed:

1. Inspect the oil and solids level once every two weeks as recommended on page 1 of this manual. If the oil thickness is less than 2" and the solid thickness is less than 6", close the trap and no clean out is required. Record the inspection on the appropriate form on page A2 in the Appendix. If the oil thickness is 2" or more and the solid thickness is 6" or more, clean out is required; follow the clean out and documentation guidelines on page 1 of this manual.
2. **DO NOT DISPOSE OF FOOD, TRASH, OR OTHER SOLID PARTICLES INTO THE CATCH BASINS.** This additional solid waste will increase the frequency of cleaning and could cause the sand/oil trap outlet to become clogged, backing up onto the fuel island slab.

DO NOT POUR NEW OIL, USED OIL, OTHER LUBRICANTS OR CHEMICALS DOWN THE CATCH BASIN NO. 1A. Waste oil and waste lubricants can be disposed of in the TMG waste oil tank through the waste oil inlet No. 4 at the service pit and removed by a licensed contractor. **It is recommended that used antifreeze be recycled and reused. If not reused and recycled, used antifreeze must be removed by a licensed contractor.**

08/01/2017 10:16