

SIGNATURE RECEIVED

3/20/09 APX00037C



FILE COPY

State of Ohio Environmental Protection Agency

STREET ADDRESS:

Central District Office

MAILING ADDRESS:

Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 728-3775 FAX: (614) 728-3898
www.epa.state.oh.us

P.O. Box 1049
Columbus, OH 43216-1049

Certified Mail #91 7108 2133 3932 4449 9680

March 17, 2009

Ed Zerrei
Vice President
Horizon Mart
13075 Worthington Road, SW
Pataskala, OH 43062

Dear Mr. Zerrei:

Attached is a report for a Reconnaissance Inspection that Sara Geary, Suzanne Matz and I performed March 4, 2009, at the wastewater treatment plant (WWTP) serving Horizon Mart. Review the report carefully and contact me if you have questions. I can be reached by telephone at 614-728-3850 or by e-mail at jan.rice@epa.state.oh.us.

Sincerely,

Jan A. Rice
Environmental Specialist
Field Operations Unit
Division of Surface Water

JAR/nsm Horizon Mart 3-04-09

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No. 4PX00037	NPDES No. OH014231	Date 3/2/09	Inspection Type R	Inspector S	Facility Type 2
-------------------------------	------------------------------	-----------------------	-----------------------------	-----------------------	---------------------------

B. FACILITY DATA

Name and Location of Facility Inspected Horizon Mart Wastewater Treatment Plant (WWTP) 13075 Worthington Road SW, Pataskala, Ohio	Entry Time 10:15 A.M.	Permit Effective Date 12/1/03
	Exit Time 10:45 A.M.	Permit Expiration Date 11/30/08

Name(s) and Title(s) of On-Site Representative(s) Tom Coleman, Operator in Responsible Charge of WWTP	Phone Number(s) (c) 740-964-6997
Name, Address and Title of Responsible Official Ed Zerrei (Vice-President), 13075 Worthington Road SW, Pataskala, Ohio	Phone Number 740-964-6997

C. AREAS EVALUATED DURING INSPECTION

<u>U</u> Permit	<u>N</u> Flow Measurement	<u>N</u> Pretreatment
<u>N/S</u> Records/Reports	<u>N</u> Laboratory	<u>N</u> Compliance Schedules
<u>U</u> Operations & Maintenance	<u>U/N</u> Effluent/Receiving Waters	<u>S</u> Self-Monitoring Program
<u>U</u> Facility Site Review	<u>N/N</u> Sludge Storage/Disposal	<u> </u> Other
<u>N</u> Collection System		

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

D. SUMMARY OF FINDINGS/COMMENTS (See Attachment "A")

Jan Rice
Jan Rice, Inspector, Ohio EPA, Central District Office

3/17/09
Date

Erin Sherer
Erin Sherer, Reviewer, Ohio EPA, Central District Office

3/17/09
Date

Summary of Findings/Comments

Mr. Coleman and I spoke by telephone prior to this site visit. Mr. Coleman indicated that the WWTP flow equalization tank pump used to transfer wastewater from the equalization tank to other components in this plant was out of service. He had been using a borrowed pump as a temporary replacement but that pump was no longer available for use. At the time of this inspection the flow equalization tank was nearly full (see photo). Without a pump, wastewater could not be discharged from the equalization tank to other plant components. The surface of wastewater in the aeration/clarification tank and sand filter was frozen (see photo). The east cell of the sand filter appeared to have not been in use possibly due to a cracked plastic fitting in the discharge line (see photo).

There have been numerous effluent limitations violations as can be seen in Attachment "B" of this report. The effluent limitations violations list covers the period of time extending from 12/1/03 – 12/31/08.

On October 14, 2008, this office received an incomplete wastewater discharge permit renewal application. The application was incomplete since it lacked a \$200 application fee necessary to process the application. This office had attempted to obtain the application fee by contacting the permittee by telephone and by letter. As of the date of this inspection this office had not received the application fee. At the time of this inspection a written message was left with Horizon Mart employee Stephanie Issa asking that Ed Zerrei contact Jan Rice as soon as possible. On March 13, 2009 this office received the \$200 application fee.

The wastewater discharge permit requires consistent permit compliance. Failure to provide consistent compliance will leave this office no choice but to escalate enforcement action in response to violations. The permittee must advise this office in writing by April 3, 2009 regarding its plan of action to make necessary repairs and to provide consistent compliance.

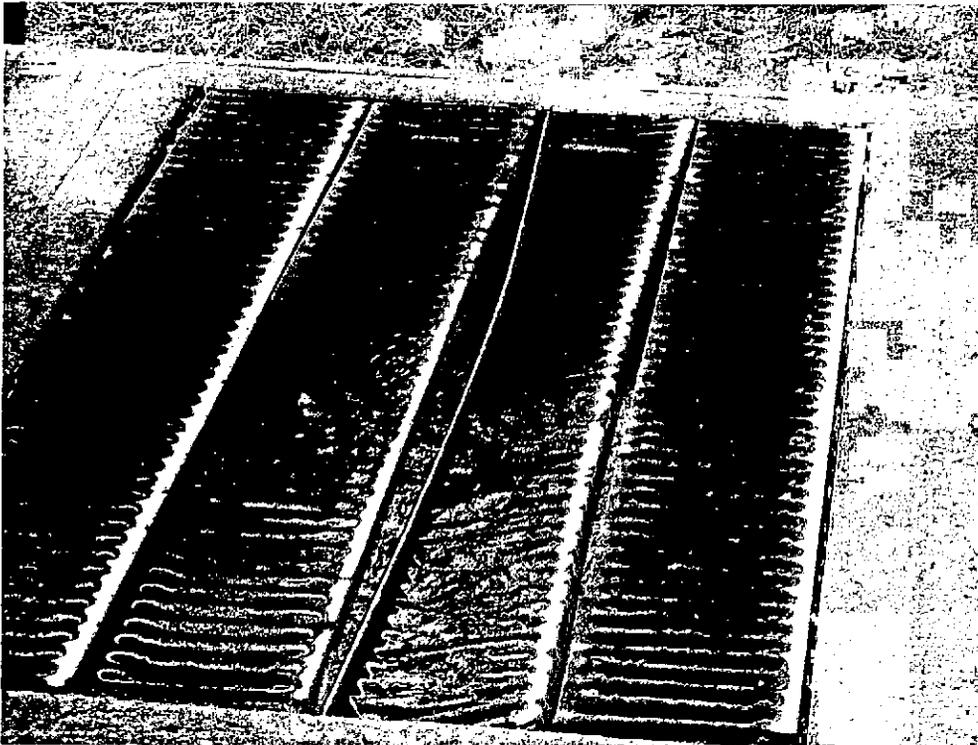


Figure 1. This is a 3/4/09 photograph of the Horizon Mart WWTP flow equalization tank. The grating needs replacement as does the pump used to transfer wastewater from this tank into other treatment components. A compressor was in service providing air into the equalization tank at the time of this inspection.

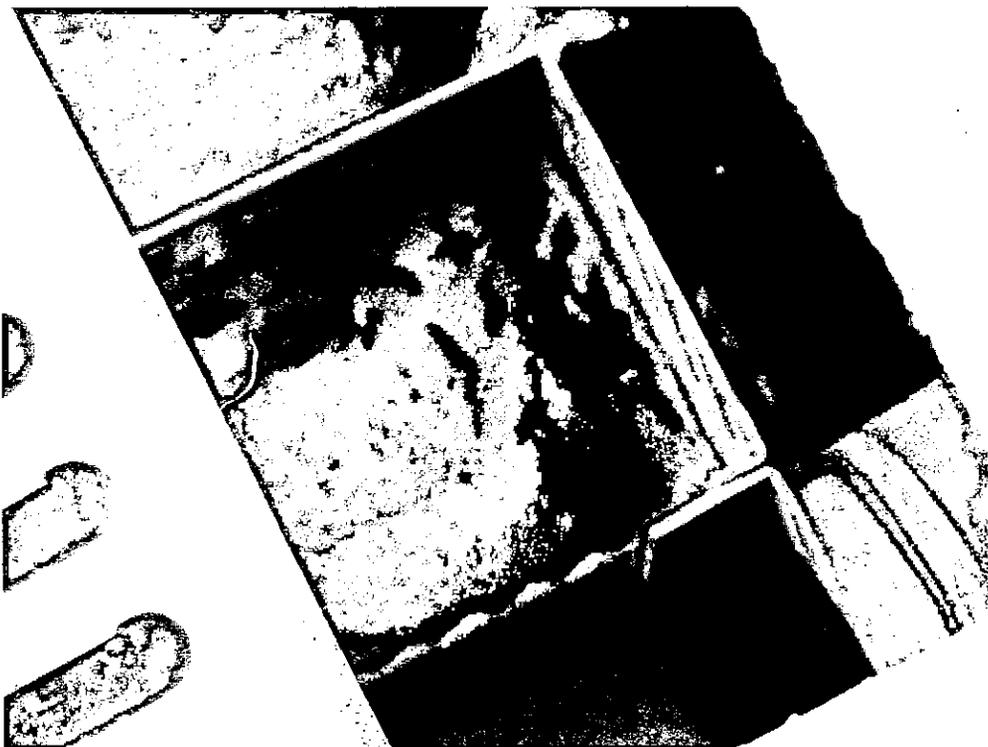


Figure 2. This is a 3/4/09 photograph of the Horizon Mart WWTP clarifier effluent weir. What appears as the surface of wastewater in this photograph is actually ice. This part of the plant was not in service at the time of this inspection.

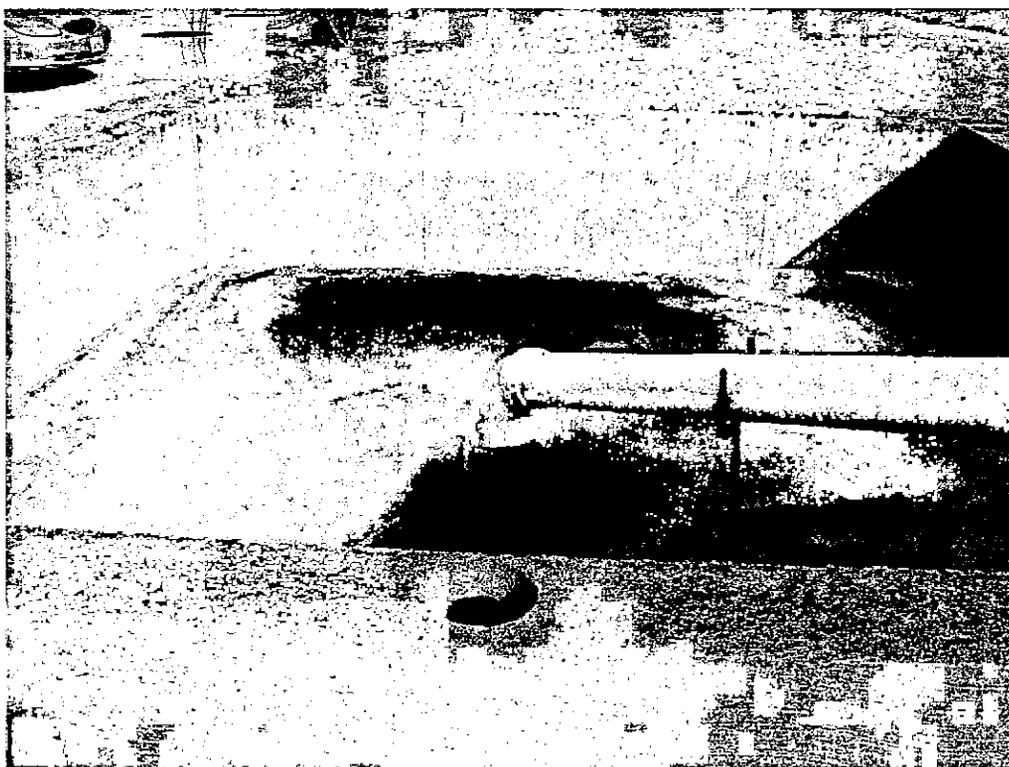


Figure 3. This is a 3/4/09 photograph of ice in the west cell of the Horizon Mart WWTP sand filter.

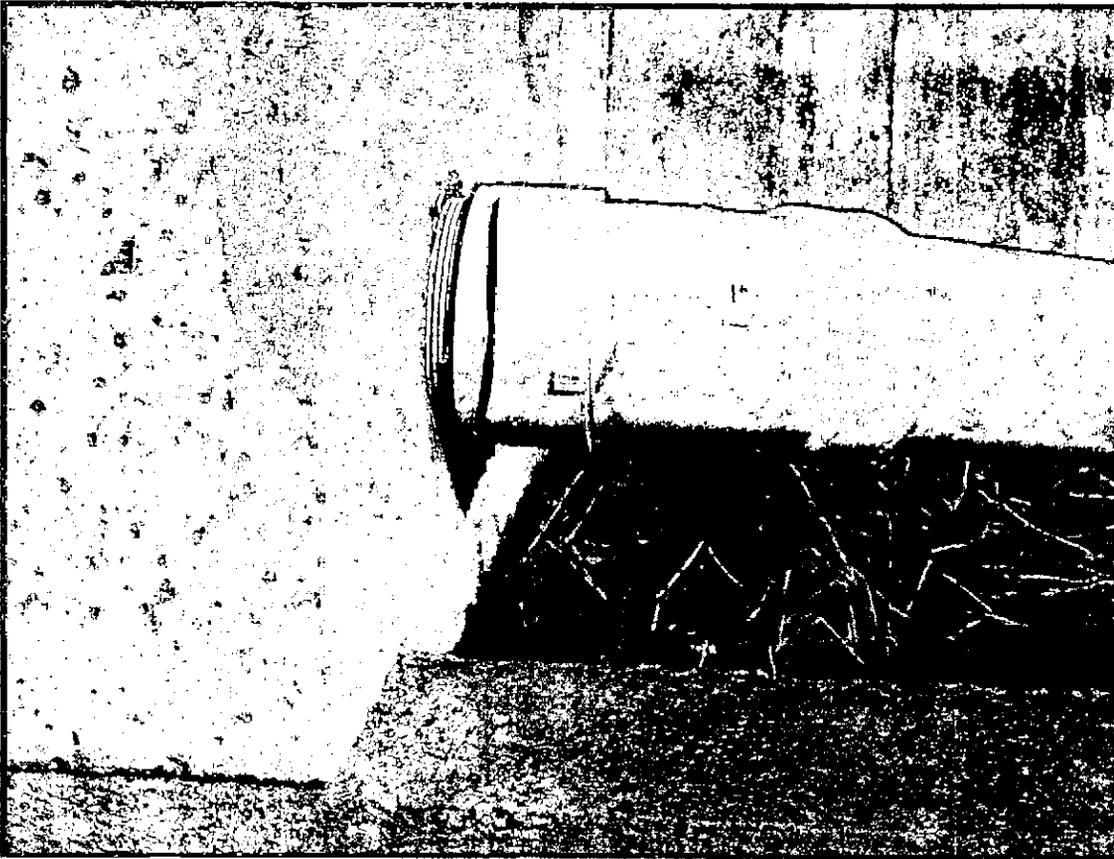


Figure 4. This is a 3/4/09 photograph of a cracked plastic fitting in the east cell of the Horizon Mart WWTP sand filter. The fitting needs replacement.

Attachment "B"
 Horizon Mart
 Effluent Limitations Violations
 Monitoring Station 4PX00037001

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PX00037*BD	December 2003	001	00530	Total Suspended Solids	30D Conc	12	14.	12/1/2003
4PX00037*BD	December 2003	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	10.	12/1/2003
4PX00037*BD	December 2003	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	10.	12/1/2003
4PX00037*BD	December 2003	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.023	.02385	12/1/2003
4PX00037*BD	December 2003	001	80082	CBOD 5 day	30D Conc	10	13.	12/1/2003
4PX00037*BD	March 2004	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	37.6	3/1/2004
4PX00037*BD	March 2004	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.023	.13833	3/1/2004
4PX00037*BD	March 2004	001	00300	Dissolved Oxygen	1D Conc	6.0	1.2	3/5/2004
4PX00037*BD	March 2004	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	37.6	3/22/2004
4PX00037*BD	March 2004	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.034	.13833	3/22/2004
4PX00037*BD	March 2004	001	00300	Dissolved Oxygen	1D Conc	6.0	2.	3/25/2004
4PX00037*BD	June 2004	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	37.6	6/1/2004
4PX00037*BD	June 2004	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.008	.09336	6/1/2004
4PX00037*BD	June 2004	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	37.6	6/22/2004
4PX00037*BD	June 2004	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.011	.09336	6/22/2004
4PX00037*BD	June 2004	001	00300	Dissolved Oxygen	1D Conc	6.0	4.4	6/25/2004
4PX00037*BD	August 2004	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.2	8/1/2004
4PX00037*BD	August 2004	001	00300	Dissolved Oxygen	1D Conc	6.0	5.2	8/4/2004
4PX00037*BD	August 2004	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.2	8/15/2004
4PX00037*BD	December 2004	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	26.8	12/1/2004
4PX00037*BD	December 2004	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.023	.06107	12/1/2004
4PX00037*BD	December 2004	001	80082	CBOD 5 day	30D Conc	10	13.	12/1/2004
4PX00037*BD	December 2004	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	26.8	12/8/2004
4PX00037*BD	December 2004	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.034	.06107	12/8/2004
4PX00037*BD	December 2004	001	00300	Dissolved Oxygen	1D Conc	6.0	3.1	12/10/2004

Attachment "B"
 Horizon Mart
 Effluent Limitations Violations
 Monitoring Station 4PX00037001

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PX00037*BD	March 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	35.7	3/1/2005
4PX00037*BD	March 2005	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.023	.06999	3/1/2005
4PX00037*BD	March 2005	001	80082	CBOD 5 day	30D Conc	10	20.	3/1/2005
4PX00037*BD	March 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	35.7	3/8/2005
4PX00037*BD	March 2005	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.034	.06999	3/8/2005
4PX00037*BD	March 2005	001	80082	CBOD 5 day	7D Conc	15	20.	3/8/2005
4PX00037*BD	March 2005	001	00300	Dissolved Oxygen	1D Conc	6.0	5.9	3/11/2005
4PX00037*BD	June 2005	001	00530	Total Suspended Solids	30D Conc	12	33.	6/1/2005
4PX00037*BD	June 2005	001	00530	Total Suspended Solids	7D Conc	18	33.	6/1/2005
4PX00037*BD	August 2005	001	00530	Total Suspended Solids	30D Conc	12	27.	8/1/2005
4PX00037*BD	August 2005	001	00530	Total Suspended Solids	7D Conc	18	27.	8/1/2005
4PX00037*BD	August 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	4.2	8/1/2005
4PX00037*BD	August 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	4.2	8/1/2005
4PX00037*BD	December 2005	001	00530	Total Suspended Solids	30D Conc	12	14.	12/1/2005
4PX00037*BD	December 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	50.8	12/1/2005
4PX00037*BD	December 2005	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.023	.12633	12/1/2005
4PX00037*BD	December 2005	001	80082	CBOD 5 day	30D Conc	10	18.	12/1/2005
4PX00037*BD	December 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	50.8	12/8/2005
4PX00037*BD	December 2005	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.034	.12633	12/8/2005
4PX00037*BD	December 2005	001	80082	CBOD 5 day	7D Conc	15	18.	12/8/2005
4PX00037*BD	March 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	56.2	3/1/2006
4PX00037*BD	March 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.023	.16528	3/1/2006
4PX00037*BD	March 2006	001	80082	CBOD 5 day	30D Conc	10	124.	3/1/2006
4PX00037*BD	March 2006	001	80082	CBOD 5 day	30D Qty	0.08	.36468	3/1/2006
4PX00037*BD	March 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	56.2	3/8/2006
4PX00037*BD	March 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.034	.16528	3/8/2006
4PX00037*BD	March 2006	001	80082	CBOD 5 day	7D Conc	15	124.	3/8/2006
4PX00037*BD	March 2006	001	80082	CBOD 5 day	7D Qty	0.11	.36468	3/8/2006

Attachment "B"
 Horizon Mart
 Effluent Limitations Violations
 Monitoring Station 4PX00037001

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PX00037*BD	June 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.9	6/1/2006
4PX00037*BD	June 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.008	.01113	6/1/2006
4PX00037*BD	June 2006	001	31616	Fecal Coliform	30D Conc	1000	1200.	6/1/2006
4PX00037*BD	June 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.9	6/8/2006
4PX00037*BD	June 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.011	.01113	6/8/2006
4PX00037*BD	August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	16.9	8/1/2006
4PX00037*BD	August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.008	.02245	8/1/2006
4PX00037*BD	August 2006	001	31616	Fecal Coliform	30D Conc	1000	10000.	8/1/2006
4PX00037*BD	August 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	16.9	8/8/2006
4PX00037*BD	August 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.011	.02245	8/8/2006
4PX00037*BD	August 2006	001	31616	Fecal Coliform	7D Conc	2000	10000.	8/8/2006
4PX00037*BD	December 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	21.	12/1/2006
4PX00037*BD	December 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	21.	12/1/2006
4PX00037*BD	December 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.023	.05612	12/1/2006
4PX00037*BD	December 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.034	.05612	12/1/2006
4PX00037*BD	March 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	15.4	3/1/2007
4PX00037*BD	March 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.023	.07659	3/1/2007
4PX00037*BD	March 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	15.4	3/8/2007
4PX00037*BD	March 2007	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.034	.07659	3/8/2007
4PX00037*BD	June 2007	001	00530	Total Suspended Solids	30D Conc	12	104.	6/1/2007
4PX00037*BD	June 2007	001	00530	Total Suspended Solids	7D Conc	18	104.	6/22/2007
4PX00037*BD	December 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	14.6	12/1/2007
4PX00037*BD	December 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.023	.04835	12/1/2007
4PX00037*BD	December 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	14.6	12/8/2007
4PX00037*BD	December 2007	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.034	.04835	12/8/2007
4PX00037*BD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	15.8	3/1/2008
4PX00037*BD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.023	.07709	3/1/2008
4PX00037*BD	March 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	15.8	3/15/2008
4PX00037*BD	March 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.034	.07709	3/15/2008

Attachment "B"
 Horizon Mart
 Effluent Limitations Violations
 Monitoring Station 4PX00037001

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PX00037*BD	June 2008	001	00530	Total Suspended Solids	30D Conc	12	16.	6/1/2008
4PX00037*BD	June 2008	001	31616	Fecal Coliform	30D Conc	1000	3300.	6/1/2008
4PX00037*BD	June 2008	001	80082	CBOD 5 day	30D Conc	10	18.	6/1/2008
4PX00037*BD	June 2008	001	31616	Fecal Coliform	7D Conc	2000	3300.	6/8/2008
4PX00037*BD	June 2008	001	80082	CBOD 5 day	7D Conc	15	18.	6/8/2008
4PX00037*BD	August 2008	001	00530	Total Suspended Solids	30D Conc	12	52.	8/1/2008
4PX00037*BD	August 2008	001	00530	Total Suspended Solids	30D Qty	0.09	.12793	8/1/2008
4PX00037*BD	August 2008	001	00530	Total Suspended Solids	7D Conc	18	52.	8/15/2008