March 6, 2009
Revised April 28, 2009

Closure Report For Altx, Inc. Wastewater Treatment Plant Town of Colonie, Albany County, NY

Prepared for:

SALEM TUBE INC.
951 Fourth Street
Greenville, PA 16125

Prepared by:

C.T. MALE ASSOCIATES, P.C.
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Latham, New York 12110
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C.T. Male Project No: 09.9067

Closure Report
For
Altx, Inc.
Wastewater Treatment Plant
Town of Colonie, Albany County, NY

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1.0 INTRODUCTION

The Altech Specialty Steel parcel in the Town of Colonie, Albany County New York is currently vacant but was previously used to make various steel products. Altx, Inc. leased a portion of the facility to process stainless steel. The process of extruding and pickling stainless steel generated industrial wastewater that was collected and treated at the industrial wastewater treatment plant (WWTP).

The WWTP was constructed in 2002 and issued SPDES Permit Number NY 026 1254. The permit was for treating 54,000 gpd of process wastewater, 5,000 gpd of cooling water, and 4,000 gpd of boiler blowdown. One outfall was permitted with a discharge to the Hudson River via sewers from the site that discharges to the river. See Appendix A for copy of SPDES permit.

The WWTP started and ended operation in 2003 when Altx, Inc. stopped operations at the site. Since that time, the WWTP has been unused with no flow being discharged. Based on the site visit conducted on 2/17/09, all of the tanks and treatment units are empty with some minor residuals left at the bottom of the various tanks. The belt press has been removed from the WWTP site. See Appendix B for site photographs.

This Closure Report serves the purpose of formally closing the WWTP and canceling the SPDES permit in compliance with 6 NYCRR Part 750 by presenting a Closure Plan and documenting the disposal of residuals and other WWTP components.

2.0 REMOVAL OF RESIDUAL MATERIALS

The characteristics of the wastewater previously treated, the process flow and the description of the individual treatment components are described in the May 2004 Design Engineer's Report prepared by USFilter. Appendix C provides copies of Table 1-1, Anticipated Effluent Characteristics, Figure 1-1, WWTP Process Flow Diagram, Figure 1-2, WWTP Equipment List from that report.

Each of the following unit process has some residuals to address before they can be removed form the site. For all unit process where additional cleaning of residuals/sludge is required, no wash water shall be permitted to be discharged to the out fall sewer. Dry cleaning of the various tanks is recommended as sufficient for closure of the WWTP. Pressure washing of the various tanks is not recommended to avoid producing a wastewater that would have to be collected in drums and disposed off site.

2.1 Equalization Tanks

The equalization tanks (two 20,000-gallon tanks) were used to store a combination of Nitric Waste, Sulfuric Waste, Pickle Rinse, Spent Cleaner, Phosphoric Waste, Cooling Tower Blowdown, Filtrate from Filter Press, and Backwash from Effluent Filter.

These tanks were emptied but some residuals remain.

There is four inches of liquid in each tank and some residual solids. A sample was collected on 4/10/09 from each tank and tested at Adirondack Environmental Services, Inc. A Copy of these test results are in Appendix D. The sample results indicate chromium levels of 408 mg/l and 662 mg/l in tank 1 and 2 respectively. Based on these levels of chromium, the wastewater would need to be treated as hazardous waste.

Since the remaining wastewater in the EQ tanks has high chromium levels, all the liquid and solid waste in the tank will be placed in plastic drums. The drums will need to be properly labeled, staged, transported, and disposed. It is anticipated that 20 drums of waste will be properly disposed off-site.

Additionally, the rain water in the containment area was tested and has a pH 7.0. The practice at the site has been to test the pH, if its near 7.0, the rain water is allowed to be pumped on the ground.

2.2 Alkalization Tank, 1st Stage and 2nd Stage pH Adjustment Tanks

A dry lime sludge is left at the bottom of the tanks (100-gallon Alkalization tank, 500-gallon 1st Stage and 500-gallon 2nd Stage). The quantity of the sludge is estimated as less than two cubic yards per tank.

A sample of the sludge was take on 4/23/2008 and tested at Adirondack Environmental Services, Inc. A copy of the test results are in Appendix D. Based on this sample, the treatment process, and visual observations, the sample results are believed to be representative of the residuals left in all the mixing tanks and the clarifier. The test results demonstrate that the dry sludge can be disposed as solid waste in a municipal landfill.

The dry sludge from the tanks walls and bottom will need to be hand scraped and removed from the tanks for final disposal.

2.3 Clarifier

Similar to the mixing tanks, the 12-foot clarifier has some dry sludge left in it. The sample discussed in Section 2.2 also applies to the sludge in the clarifier. And similarly, the test results demonstrate that the dry sludge can be disposed as a solid waste in a municipal landfill.

The dry sludge from the tanks walls and bottom will need to be hand scraped and removed from the tanks for final disposal. It is estimated that the sludge is less than 10 cubic yards.

It is recommended that the tank not be pressure washed to prevent any generation of wastewater.

2.4 Lime Silo

The 12-foot lime silo is partially full with unused lime. The lime can be disposed as solid waste. It is recommended that the silo not be pressure washed to prevent any generation of wastewater.

2.5 Effluent Tank

The effluent tank is a filter tank with anthraxcite, sand and gravel filter layers. **The filter media and any dry solids shall be disposed off site as solid waste. Proper chain of custody for the type and quantity of material removed and disposed must be kept and submitted to the NYS DEC Regional Water Engineer within 30 days after removal.**

3.0 CLOSURE PLAN

As stated in Section 1.0, The Altx Inc WWTP has not discharge wastewater since 2003 and is now formally closing the WWTP and permanently removing all treatment components in compliance with 6 NYCRR Part 750.

The influent and effluent pipes will be cut off and sealed by July 2009.

Since the Altx Inc. operations have ceased and all the equipment will be removed, there will be no need for any continuing maintenance or operation at the facility.

The treatment units will be disposed as described in this section.

3.1 Equalization Tanks

Once the tanks have been emptied per Section 2.0, the piping entering and leaving the tanks will be cut and removed for disposal off site. The two thanks and the containment area will remain on-site.

3.2 Alkalization Tank, 1st Stage and 2nd Stage pH Adjustment Tanks

Once the tanks have been emptied per Section 2.0, the piping will be cut and removed for disposal off site. The pumps and mixers will be wiped clean and remain in place if suitable for re-sale or disposed off site if a buyer is not secured.

3.3 Clarifier

Once the clarifier has been emptied per Section 2.0, the piping will be cut and removed for disposal off site. The drive mechanism, cat walk and weirs will be wiped clean and remain in place if suitable for re-sale or disposed off site if a buyer is not secured.

3.4 Effluent Filter

The effluent filter will be disconnected from the system and the piping disposed off site. The filter unit will be wiped clean and remain in place until sold or disposed off site if a buyer is not secured.

3.7 Filter Press

The WWTP had a sludge filter press for dewatering the sludge. The press was in good condition and was sold to through an equipment broker, Koster Industries, Inc. to Aaron Equipment in Bensenville, IL. The Filter press was physically removed from the site in May 2008.

3.8 Outfall 001

The outfall pipe will be filled with concrete (hydraulic cement) at the point where it leaves the WWTP building to prevent any future discharges of wastewaters to the receiving stream.

3.9 Lime Silo

The lime silo will be emptied and piping removed. The tank and controls will be remain in place until sold or disposed off site if a buyer is not secured.

4.0 CONCLUSIONS

Since the source of wastewater (Altx Inc) has not been in operation since 2003 at the site and the production equipment has been permanently removed, the closure of the WWTP and termination of the SPDES permit is applicable.

It is expected that all residuals will be removed for the site within 180 days from when New York State DEC approved this closure plan. The material remaining in the two equalization tanks will be treated as hazardous waste during cleaning, storage and disposal operations.

There is no liquid waste or wastewater left on site nor will there be any generated during closure activities that will be discharged to the WWTP outfall pipe.

The dry sludge left in the tanks will be removed and disposed as solid waste.

An effort will be made to sell the treatment equipment but, if a sale is not possible, the equipment will be removed from the site unless otherwise noted.

The building that houses the WWTP is in good condition and will remain on site.

Per NYS DEC comments, proof of ownership of or contractual arrangement with an operation or operations permitted to manage all such waste materials must be provided to NYS DEC prior to removal of any waste residuals from the site.

Prepared by:

C.T. Male Associates, P.C.

Robert Flores

Robert Flores, P.E.
Managing Engineer

K:\Projects\099067\Admin\Closure Report-R1.doc

Appendix A

SPDES Permit

91-20-5 (5/97)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
State Pollutant Discharge Elimination System (SPDES)
NOTICE / RENEWAL APPLICATION / PERMIT

A 9/1/06

Please read **ALL** instructions on the back before completing this application form. Please **TYPE** or **PRINT** clearly in ink.

PART 1 - NOTICE 09/13/2006

Permittee Contact Name, Title, Address

ALTX INC
~~PATRICK HENDERSON~~ YOGESH SHUKLA
951 4TH ST.
GREENVILLE ~~NY~~ PA 16125-8253

Facility and SPDES Permit Information

Name: ALTX INC
Ind. Code: 3312 County: ALBANY
DEC No.: 4-0126-00011/00057
SPDES No.: NY 026 1254
Expiration Date: 07/01/2007 015
Application Due By: 01/02/2007

Are these name(s) & address(es) correct? if not, please write corrections above.

The State Pollutant Discharge Elimination System Permit for the facility referenced above expires on the date indicated. You are required by law to file a complete renewal application **at least 180 days prior to expiration of your current permit**. **Note the "Application Due By" date above.**

CAUTION: This short application form and attached questionnaire are the only forms acceptable for permit renewal. Sign Part 2 below and mail only this form and the completed questionnaire using the enclosed envelope. *Effective April 1, 1994 the Department no longer assesses SPDES application fees.*

If there are changes to your discharge, or to operations affecting the discharge, then in addition to this renewal application, you must also submit a separate permit modification application to the Regional Permit Administrator for the DEC region in which the facility is located, as required by your current permit. See the reverse side of this page for instructions on filing a modification request.

PART 2 - RENEWAL APPLICATION

CERTIFICATION: I hereby affirm that under penalty of perjury that the information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

YOGESH SHUKLA — MANAGER
Name of person signing application (see instructions on back) — Title

Signature — 9/20/06
Date

PART 3 - PERMIT (Below this line - Official Use Only)

Effective Date: 7/1/07 Expiration Date: 6/30/12

William R. Adriance
Permit Administrator

Address: NYSDEC - Division of Environmental Permits
Bureau of Environmental Analysis
625 Broadway, Albany, NY 12233-1750

William R. Adriance — NOV - 9 2006
Signature — Date

This permit together with the previous valid permit for this facility issued 7/1/02 and subsequent modifications constitute authorization to discharge wastewater in accordance with all terms, conditions and limitations specified in the previously issued valid permit, modifications thereof or issued as part of this permit, including any special or general conditions attached hereto. Nothing in this permit shall be deemed to waive the Department's authority to initiate a modification of this permit on the grounds specified in 6NYCRR §621.14, 6NYCRR §754.4 or 6NYCRR §757.1 existing at the time this permit is issued or which arise thereafter.

~~Attachments: General Conditions dated ___/___~~

RECEIVED NYSDEC
ENVIRONMENTAL PERMITS
06 SEP 25 AM 11:06

FINAL PERMIT LIMITS, LEVELS AND MONITORING

C:\WINDOWS\TEMP\d-oil_0621501.wpd

OUTFALL No.	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
001	Process wastewater (54,000 gpd), contact cooling water (5,000 gpd) and boiler blowdown (4,000 gpd)	Hudson River ("C")	EDP	EDP + 5 yrs.

PARAMETER	MINIMUM	MAXIMUM	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FOOTNOTES (FN)
pH	6.0	9.0	SU	Monthly	Grab	

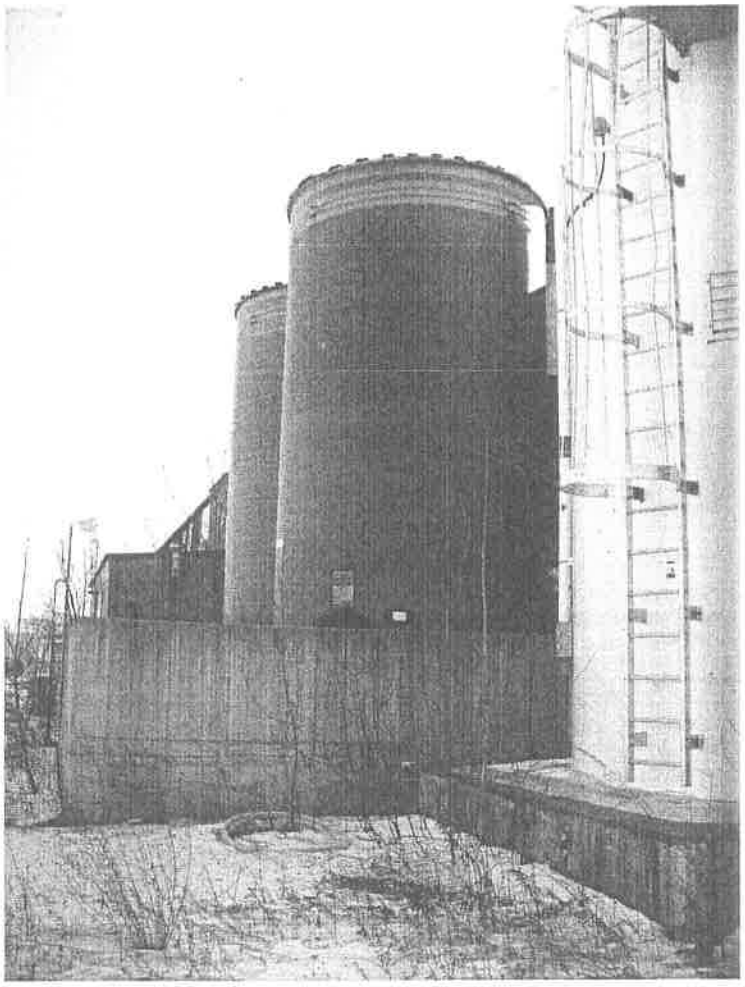
PARAMETER	COMPLIANCE LIMIT		MONITORING ACTION LEVEL		UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FN
	Daily Avg.	Daily Max.	TYPE I	TYPE II				
Flow	NA	Monitor			GPD	Monthly	Metered	
Solids, Total Suspended *	25.7	61.32			lbs/day	Twice/Month	24-hr. Comp.	(1)
Oil & Grease *	6.73	23.94			lbs/day	Twice/Month	Grab	(2)
Temperature	NA	90			° F	Monthly	Grab	
Chromium, T. *	0.261	0.651			lbs/day	Twice/Month	24-hr. Comp.	
Chromium, hexavalent	NA	0.2			mg/l	Monthly	24-hr. Comp.	
Nickel, T. *	0.195	0.584			lbs/day	Twice/Month	24-hr. Comp.	
Ammonia (as N)	NA	20			mg/l	Monthly	24-hr. Comp.	
Fluoride	Monitor	23			mg/l	Twice/Month	24-hr. Comp.	
Fluoride *	Monitor	Monitor			lbs/day	Twice/Month	Calculated	
Cadmium	NA	1.0			mg/l	Monthly	24-hr. Comp.	
Copper *	NA	0.35			lbs/day	Monthly	24-hr. Comp.	
Iron	2.0	4.0			mg/l	Monthly	24-hr. Comp.	
Lead	NA	0.5			mg/l	Monthly	24-hr. Comp.	
Zinc	NA	1.0			mg/l	Monthly	24-hr. Comp.	

Notes: (1) Total Suspended Solids: The discharge shall not cause or contribute to a violation of the narrative water quality standard for total suspended, colloidal and settleable solids (6NYCRR Part 703.2) - None from sewage, industrial wastes or other wastes that will cause deposition or impair the water for their best usages.

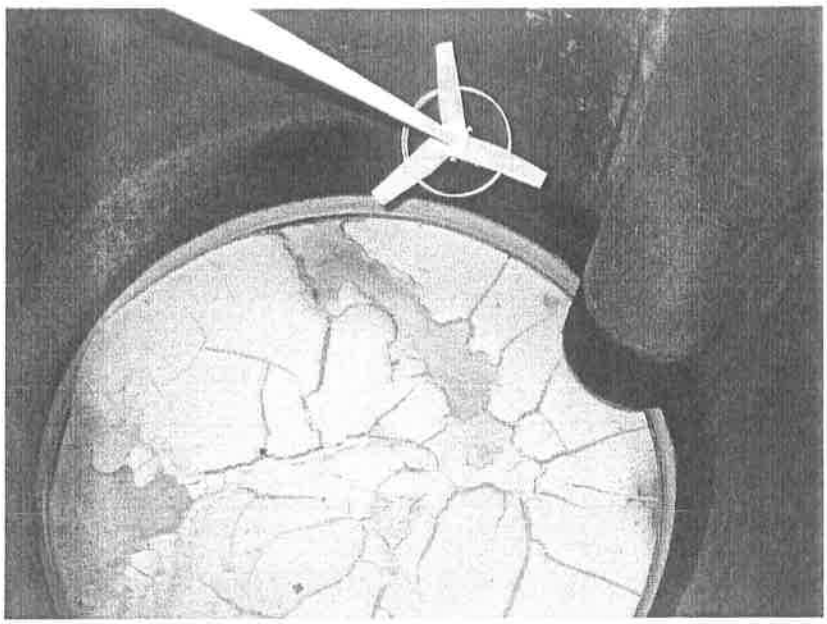
(2) Oil & Grease: The discharge shall not cause or contribute to a violation of the narrative water quality standard for oil and floating substances (6NYCRR Part 703.2) - No residue attributable to sewage, industrial wastes or other wastes, nor visible oil film nor globules of grease.

Appendix B

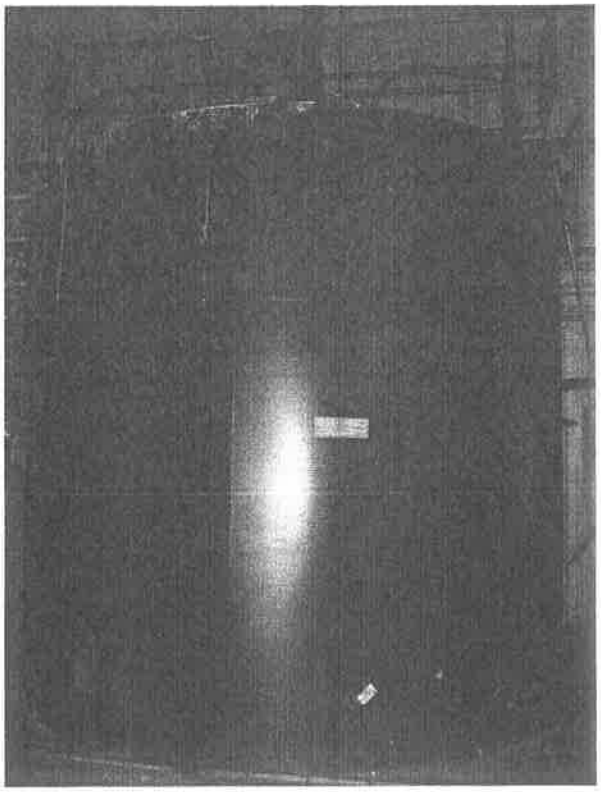
Site Photographs



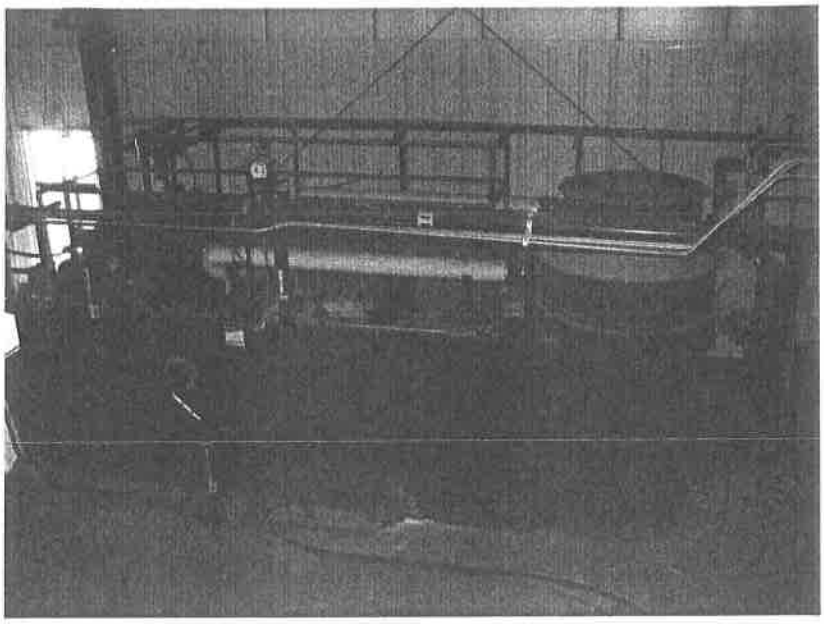
Equalization Tanks



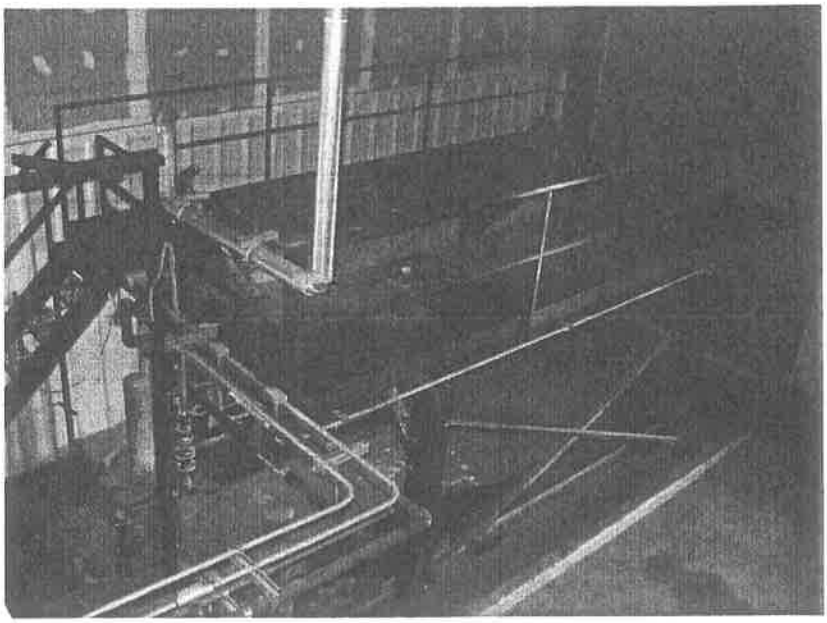
pH Adjustment Tank



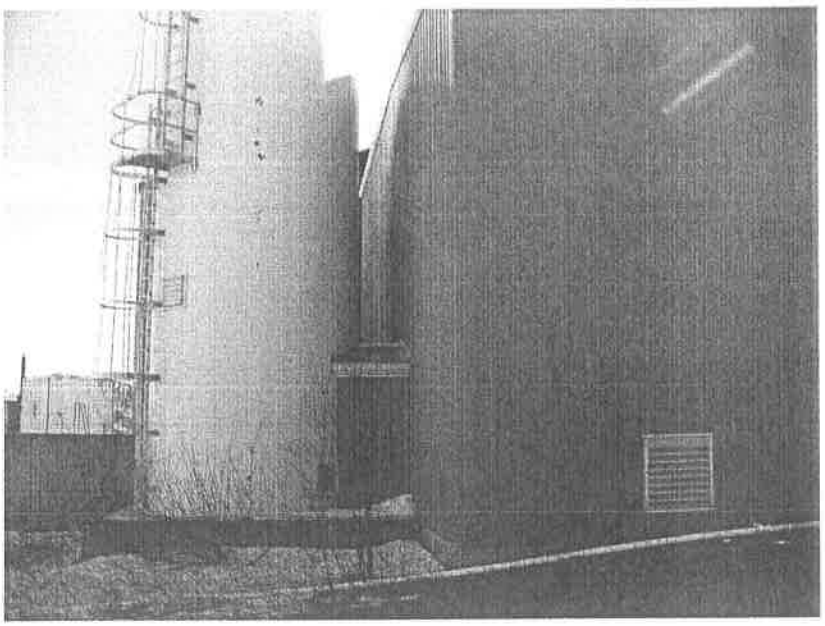
Clarifier Tank



Effluent Filter



Former Location of Filter Press



Lime Silo

Appendix C

Excerpts from 2004 Design Engineer's Report

New York State Department of Environmental Conservation
This report for ALTX Inc.
Wastewater Treatment Plant
is hereby approved subject to the provisions of the Environmental Conservation Law and SPDES permit number NY 026 1254.
Date July 13 2004. By: Joseph F. Kelleher P.E.
New York State Commissioner of Environmental Conservation
Designated Representative
Recommended by: Martha Ways P.E.

USFilter

DESIGN ENGINEER'S REPORT

ALTX, INCORPORATED
WATERVLIET, NEW YORK

May 2004

VEOLIA Environment

TABLE 1-1

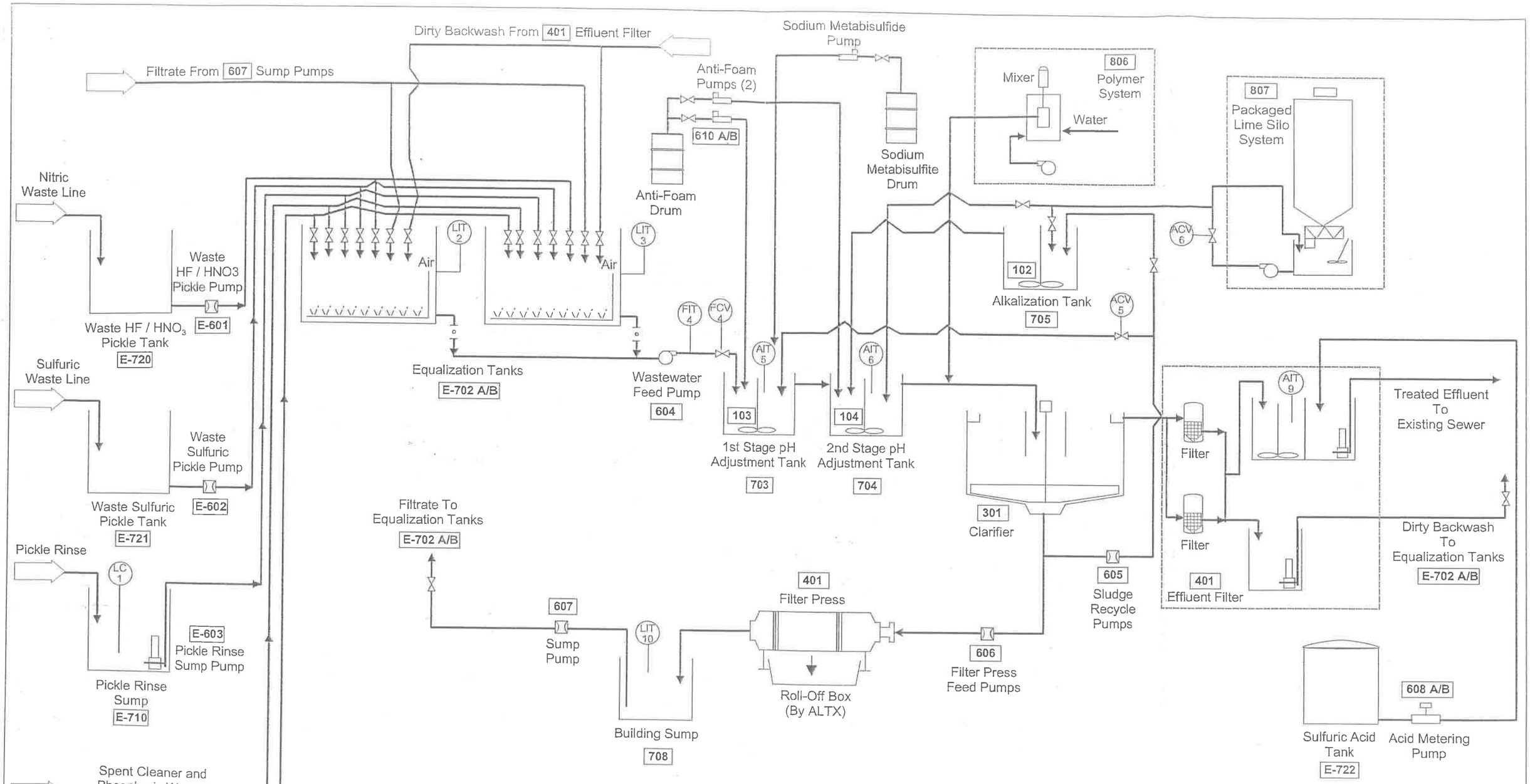
ANTICIPATED EFFLUENT CHARACTERISTICS

Design Basis for WTP			
Parameter	Max Influent Concentration (mg/L)	Design Effluent Quality*	
		Daily Avg.	Daily Max.
Total Suspended Solids	23	25.7 lb/day	61.8 lb/day
Oil and Grease	4.3	6.7 lb/day	23.8 lb/day
Chromium (Total)	96.3	0.26 lb/day	0.65 lb/day
Hexavalent Chromium	<0.2	--	0.2 mg/L
Nickel	15.2	0.195 lb/day	0.58 lb/day
Lead	<0.005	--	0.5 mg/L
Cadmium	<0.005	--	1 mg/L
Iron	70	2 mg/L	4 mg/L
Zinc	0.106	--	1 mg/L
Copper	0.096	--	0.35 lb/day
Fluoride	456	--	20 mg/L
pH (S.U.)	0 – 4	6 – 9	
Temperature (°F)	90°F	--	90°F
Ammonia	18.1	--	20

*Based on SPDES Permit Limitations

FIGURE 1-2
WASTEWATER TREATMENT PLANT
EQUIPMENT LIST OF PROPOSED SYSTEM

Item	Equipment	Size/Description	Quantity	Manufacturer Model Number	Year to Install
MIXERS					
102	Alkalization Tank Agitator	1/3 HP, 1 phase, 120 V, 60 Hz TEFC Motor 316 SS Shaft and Impeller Clamp Type	1	Lightnin	1st Quarter 2002
103	First Stage pH Adjustment Tank Agitator	1/3 HP, 1 phase, 120 V, 60 Hz TEFC Motor 316 SS Shaft and Impeller Clamp Type	1	Lightnin	1st Quarter 2002
104	Second Stage pH Adjustment Tank Agitator	1/3 HP, 1 phase, 120 V, 60 Hz TEFC Motor 316 SS Shaft and Impeller Clamp Type	1	Lightnin	1st Quarter 2002
CLARIFIERS					
301	Clarifier	12'-0" dia. x 11'-6" SS Coated Steel Rake Mechanism and Drive 0.5 HP Steel Bottom; Concrete grout slope bottom	1	USFilter – DAVCO	1st Quarter 2002
FILTERS					
401	Effluent Filter	Package – Anthracite, Sand and Gravel Duplex Filters Integral Backwash Tank and Pumps Integral Backwash Holding Tank and Pumps Integral Final pH Adjustment Reactor and transfer pumps Integral V-Notch Weir Box	1	USFilter – DAVCO	1st Quarter 2002
402	Filter Press	20 ft3, 800 mm 1.25 in cake thick Semi-Automatic Plate Shifter (60 psi max. air pressure) Automatic Pump Control System (APCS) Air Hydraulic Closure (100 psi max. air pressure)	1	USFilter – JWI 800G32-20-10SYLW	1st Quarter 2002
PUMPS					
Chemical Pumps					
608	Sulfuric Acid – 98%	0 – 25 gpd	Metering Pump	2	LMI – Milton Roy	1st Quarter 2002
610	Anti-Foam	0 – 10 gpd	Metering Pump	2	LMI – Milton Roy	1st Quarter 2002
Wastewater Pumps						
E 601	Waste HF / Nitric Pickle Pump	Existing	Air Diaphragm	1	N/A	Existing
E 602	Waste Sulfuric Pickle Pump	Existing	Air Diaphragm	1	N/A	Existing
603	Pickle Rinse Sump Pumps	50gpm @ 60'TDH 3 HP; 316 SS	Submersible	2	Stancor – SS300	1st Quarter 2002
604	Wastewater Feed Pump	30gpm @ 35' TDH ¾ HP; Alloy 20	Horizontal Centrifugal	1	Blackmer Frame S	1st Quarter 2002
605	Sludge Recycle Pumps	50gpm @ 100' TDH	Air Diaphragm – Double Diaphragm	2	Blagdon N4001IABBRRU	1st Quarter 2002
606	Filter Press Feed Pumps	0 – 130 gpm @ 0 – 100 psig	Air Diaphragm – Double Diaphragm	2	Blagdon N5001IABBRRE	1st Quarter 2002
607	Sump Pumps	50 gpm @ 30'TDH	Air Diaphragm – Double Diaphragm	2	Blagdon N5001IABBRRE	1st Quarter 2002
611	Sump Pump	25gpm @ 30' TDH ½ HP; 316SS	Submersible	1	Stancor – SSS75	1st Quarter 2002



REV	DESCRIPTION	DATE	DWN	CHKD	APVD	ECN

DESIGNER	JS	DATE 3/19/04
CHECKER		DATE
ENGINEER	LH	DATE 3/19/04
MANAGER		DATE
FILE:	ALTXpfd1.dsf	
SCALE:	None	

TITLE: WASTEWATER TREATMENT PLANT PROCESS FLOW DIAGRAM

CLIENT: ALTX INC.

USFilter
USFOS ENGINEERING AND CONSTRUCTION
600 CLUBHOUSE DRIVE, MOON TOWNSHIP, PA
412-269-5700

PROJECT	CODE	DRAWING	SHEET	REV
5947-01		Figure 1 - 1	OF	

FIGURE 1-2 (CONT.)
WASTEWATER TREATMENT PLANT
EQUIPMENT LIST OF PROPOSED SYSTEM

Item	Equipment	Size/Description		Quantity	Manufacturer Model Number	Year to Install
TANKS						
E710	Existing Pickle Rinse Sump	Existing	Lined Concrete	1	N/A	Existing
702 A/B	Equalization Tanks	20,000 gallons	FRP 12'-0" Dia. x 24'-0" SS	2	Viatec	1st Quarter 2002
703	First Stage pH Adjustment Tank	500 gallons	FRP 4'-6" Dia. x 6'-0" SS	1	Viatec	1st Quarter 2002
704	Second Stage pH Adjustment Tank	500 gallons	FRP 4'-6" Dia. x 6'-0" SS	1	Viatec	1st Quarter 2002
705	Alkalization Tank	100 gallons	FRP 3'-0" Dia. x 4'-6" High	1	Viatec	1st Quarter 2002
707	Containment Area Sump	50 gallons	2'-0"L x 2'-0"W x 2'-0" Deep Coated Concrete	1	N/A	1st Quarter 2002
709	Equalization Tank Basin	22,000 gallons (including tank capacity)	33'-0"L x 23'-0"W x 4'-8"H Coated Concrete	1	N/A	1st Quarter 2002
708	Building Sump	900 gallons	5'-0"L x 5'-0"W x 5'-0" Deep concrete FRP Grated Cover	1	N/A	Existing
E720	Waste NF/HNO_3 Pickle Tank	8,000 gallons	10'-0" Dia. x 12'-0" SS	1	N/A	Existing
E721	Waste Sulfuric Pickle Tank	8,000 gallons	10'-0" Dia. x 12'-0" SS	1	N/A	Existing
E722	Existing Sulfuric Acid Tank	gallons	Dia. x High	1	N/A	Existing
SYSTEMS						
806	Polymer System	0 – 20 lb/day 10 gpd of neat polymer 1 phase/ 60 Hz / 120 V		1	USFilter – Stranco	1st Quarter 2002
807	Packaged Lime Silo System	12 ft. diameter Lime Storage Silo 5 ft. diameter Bin Activator (1.5 HP) Dust Filter 750 gallons – Slurry Mixing Tank with mixer (1 HP) (2) 1/1.5 BAH Slurry Pumps; 3 HP Electrical heater; Exhaust Fan		1	USFilter – Zimpro	1st Quarter 2002
CONTROLS						
FE-4 FIT-4	Magnetic Flowmeter	Controls Addition of Polymer; Controls the control valve.		1	Rosemount; model 8705 (flowtube); model 8712 (transmitter)	1st Quarter 2002
AIT-5	pH meter - Tank 703 (analyzer and sensor)	Automatic pH meter - control valve for Recycle Sludge from Flocculator/Solids Separator		1	Great Lakes Model P63(analyzer) and model 60 (sensor)	1st Quarter 2002
AIT-6	pH meter – Tank 704 (analyzer and sensor)	Automatic pH meter – control valve for Lime		1	Great Lakes Model P63(analyzer) and model 60 (sensor)	1st Quarter 2002
AIT-9	pH meter – Effluent Filter System 401 – Final pH Adjustment Tank (analyzer & sensor)	Automatic pH meter – control 608 acid metering pump		1	Great Lakes Model P63(analyzer) and model 60 (sensor)	1st Quarter 2002
LC-1	Level control – Tank E710.	At high level in tank 702 shutdown pump 603 At high level audible alarm		1		1st Quarter 2002
LIT-2	Liquid Level Transmitter – Equalization Tank 702A	At low/high level will turn off/on wastewater feed pump 604		1	Rosemount model 3051	1st Quarter 2002
LIT-3	Liquid Level Transmitter – Equalization Tank 702B	At low/high level will turn off /on wastewater feed pump 604		1	Rosemount model 3051	1st Quarter 2002
LE-10 LIT-10	Ultrasonic Level Monitor	At low/high level will turn off / on sump pump 607 At high level audible alarm		1	Milltronics; model XPS-10 (transducer); model Multiranger plus (transmitter)	1st Quarter 2002

Appendix D

Laboratory Testing Results

Adirondack Environmental Services Inc.®
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

April 24, 2009

Mike Walsh
Environmental Remediation and Recovery
4250 Route 6N
Edinborok, PA 16412

TEL: (814) 734-6411
FAX: (814) 734-4756

Work Order No: 090410044

RE: Watse Water Clean Up

Dear Mike Walsh:

Adirondack Environmental Services, Inc received 2 samples on 4/10/2009 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Christopher Hess
QA Manager

ELAP#: 10709
AIHA#: 100307

CC:
Mike Waltz e-mail PDF

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *24-Apr-09*

CLIENT: Environmental Remediation and Recovery
Work Order: 090410044
Reference: Watse Water Clean Up /
PO#:

Client Sample ID: Evalizer #1 Tank
Collection Date: 4/10/2009
Lab Sample ID: 090410044-001
Matrix: LIQUID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
MERCURY SW7471A (**Prep: SW7471A - 4/13/2009**)						Analyst: **SM**
Mercury	< 0.020	0.020		µg/g	1	4/14/2009
TCLP MERCURY SW1311/7470A (**Prep: SW7470A - 4/13/2009**)						Analyst: **SM**
Mercury-TCLP	< 0.020	0.020		mg/L	1	4/13/2009
TCLP METALS - ICP SW1311/6010A (**Prep: SW1311 - 4/13/2009**)						Analyst: **SM**
Arsenic-TCLP	< 0.50	0.50		mg/L	10	4/21/2009 1:46:00 PM
Barium-TCLP	< 1.00	1.00		mg/L	10	4/21/2009 1:46:00 PM
Cadmium-TCLP	< 0.50	0.50		mg/L	10	4/21/2009 1:46:00 PM
Chromium-TCLP	408	5.00	X	mg/L	100	4/21/2009 1:51:00 PM
Lead-TCLP	< 0.50	0.50		mg/L	10	4/21/2009 1:46:00 PM
Selenium-TCLP	< 0.50	0.50		mg/L	10	4/21/2009 1:46:00 PM
Silver-TCLP	< 1.00	1.00		mg/L	10	4/21/2009 1:46:00 PM
PH SW9045B						Analyst: **CJ**
pH	2.6	1.0		pH Units	1	4/23/2009 1:00:00 PM

Qualifiers:

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X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *24-Apr-09*

CLIENT:	Environmental Remediation and Recovery	**Client Sample ID:**	Evalizer #2 Tank
Work Order:	090410044	**Collection Date:**	4/10/2009
Reference:	Watse Water Clean Up /	**Lab Sample ID:**	090410044-002
PO#:		**Matrix:**	LIQUID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
MERCURY SW7471A						Analyst: **SM**
(Prep: SW7471A - 4/13/2009)						
Mercury	0.159	0.020		µg/g	1	4/14/2009
TCLP MERCURY SW1311/7470A						Analyst: **SM**
(Prep: SW7470A - 4/13/2009)						
Mercury-TCLP	< 0.200	0.200		mg/L	10	4/14/2009
TCLP METALS - ICP SW1311/6010A						Analyst: **SM**
(Prep: SW1311 - 4/13/2009)						
Arsenic-TCLP	0.54	0.50		mg/L	10	4/21/2009 2:04:00 PM
Barium-TCLP	< 1.00	1.00		mg/L	10	4/21/2009 2:04:00 PM
Cadmium-TCLP	< 0.50	0.50		mg/L	10	4/21/2009 2:04:00 PM
Chromium-TCLP	662	50.0	X	mg/L	1000	4/21/2009 2:25:00 PM
Lead-TCLP	< 0.50	0.50		mg/L	10	4/21/2009 2:04:00 PM
Selenium-TCLP	< 0.50	0.50		mg/L	10	4/21/2009 2:04:00 PM
Silver-TCLP	< 1.00	1.00		mg/L	10	4/21/2009 2:04:00 PM
PH SW9045B						Analyst: **CJ**
pH	1.7	1.0		pH Units	1	4/23/2009 1:00:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
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	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order # 090410 044

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: Mike Walsh	Address: AJ TX INC	
Send Report To: Mike Walsh	Project Name (Location) Watse Watercleam UP	Samplers: (Names) John Gernon
Client Phone No: (814) 449-0463	Client Fax No: (814) 734-4756	PO Number:
		Samplers: (Signature)

	AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	1	Evalner #1 Tank	4/10/9	1:10	A P					TCLP RCRA Metals, Hg, PA
002	1	Evalizer #2 Tank	4/10/9	"	A P					"
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					
					A P					

Shipment Arrived Via:
FedEx UPS (Client) AES Other:_____

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☑ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by: Scott Beal	Date/Time 4-10-09 2:14 Pm

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled) 18° C	(Y) N	(Y) N
Notes:_____	Notes:_____	Notes:_____

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.,** nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of Adirondack Environmental Services, Inc. as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.,** its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by credit card are subject to a 3% additional charge.

Adirondack Environmental Services, Inc

Date: *12-May-08*

CLIENT: Environmental Remediation and Recovery
Work Order: 080424035
Reference: Former ALTX / Albany, NY
PO#:

Client Sample ID: WWTP Clarifier/Mix Tank
Collection Date: 4/23/2008
Lab Sample ID: 080424035-002
Matrix: SEDIMENT

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B (Prep: SW3050B - 4/25/2008)						Analyst: **KH**
Arsenic	< 0.250	0.250		µg/g	1	5/5/2008 3:28:00 PM
Barium	6.11	0.500		µg/g	1	5/5/2008 3:28:00 PM
Cadmium	< 0.250	0.250		µg/g	1	5/5/2008 3:28:00 PM
Chromium	381	2.50		µg/g	10	5/5/2008 3:32:00 PM
Lead	< 0.250	0.250		µg/g	1	5/5/2008 3:28:00 PM
Selenium	< 0.250	0.250		µg/g	1	5/5/2008 3:28:00 PM
Silver	< 1.00	1.00		µg/g	1	5/5/2008 3:28:00 PM
MERCURY SW7471A (Prep: SW7471A - 4/25/2008)						Analyst: **KH**
Mercury	< 0.020	0.020	S	µg/g	1	4/28/2008
TCLP METALS - ICP SW1311/6010A (Prep: SW1311 - 5/9/2008)						Analyst: **SM**
Chromium-TCLP	0.21	0.05		mg/L	1	5/12/2008 11:36:00 AM

pH 7.9

Qualifiers:

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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range