June 15, 2001

Mr. Paul Kozol
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Monthly Monitoring Report for the Oconomowoc Groundwater Treatment Facility

Dear Mr. Kozol:

Attached is the Monthly Monitoring Report for May, 2001, for the above referenced project. Questions regarding these reports should be directed to James Chang of APL, Inc. at (414) 355-5800.

Thank you for your continued cooperation and assistance with this project.

Sincerely,

Dean Groleau

Dean Groleau, Plant Superintendent
APL, Inc.

cc: Steven Brossart, USACE
Steve Padovani, USEPA
James Chang, APL, Inc.
David Brodzinski, WDNR, Horicon
Craig Evans, USACE

MONTHLY MONITORING REPORT
FOR THE
OCONOMOWOC ELECTROPLATING
GROUNDWATER TREATMENT FACILITY

ASHIPPUN, WISCONSIN 53003

Prepared for:

U.S. ARMY CORPS OF ENGINEERS
ST. PAUL DISTRICT
WINONA, MINNESOTA
CONTRACT DACW37-01-C-0004

Prepared by:

APL, Inc.
8222 West Calumet Road
Milwaukee, WI 53223

JUNE 15, 2001

1.0 Introduction

This report summarizes the monthly effluent monitoring results for the Oconomowoc Electroplating Groundwater Treatment Plant (OEGTP) for May, 2001. The OEGTP is located at the site of the former Oconomowoc Electroplating Company, in Ashippun, WI.

Laboratory results of effluent sampling can be found in the Discharge Monitoring Report Form, sent under separate cover. The effluent sampling was conducted by Dean Groleau of APL, Inc. Laboratory analysis was provided by APL, Inc., 8222 W. Calumet Road, Milwaukee WI 53223. All sampling and analyses were conducted in accordance with the Oconomowoc Electroplating Groundwater Treatment System's Chemical Data Acquisition Plan (CDAP). The parameters tested for, frequency of testing, sample type, and limits are set forth in the Final Discharge Limits, Table 1 of the Oconomowoc Electroplating Superfund Site Limits and Requirements for Discharge of Treated Groundwater, issued by the Wisconsin Department of Natural Resources (WDNR) on September 24, 1996. This report is submitted in accordance with the reporting requirements of the WDNR permit.

1.1 Site Background Review

The OEGTP is located at 2572 Oak Street in Ashippun, Wisconsin, in the NW 1/4 of the SE 1/4 of Section 30, Township 30 North, Range 17 East. The site consists of approximately 10 acres, which includes approximately 3.5 acres of the former electroplating facility. The site is bounded by Oak Street (Highway 'O') and Eva Street to the North, and Davey Creek and the Town of Ashippun's garage facilities to the South. The property directly across Oak Street is occupied by Thermogas, Inc. A residential area is located across Eva Street, and a wetlands surrounds Davey Creek.

The contact person is Steven Brossart of the U.S. Army Corps of Engineers (USACE). Mr. Brossart's phone number is (507) 454-6150, Fax (507) 454-4963. APL, Inc. is contracted by the USACE to operate and maintain the plant. The contact for the Treatment Plant is Dean Groleau who can be reached at (920) 474-3212, Fax (920) 474-4241, or ogtp@netwurx.net. The contact for APL, Inc. is James Chang, who can be reached at (414) 355-5800, Fax (414) 355-3099.

1.2 Project Objectives

The objective of this project is to prevent the spreading of any plume of contamination that may exist at the site. Contaminated groundwater is pumped from five extraction wells, treated for cyanide, metals, suspended solids, and volatile organic compounds (VOC's). The treated water is then transferred to a groundwater effluent gallery, located south of Elm Street, near Davey Creek.

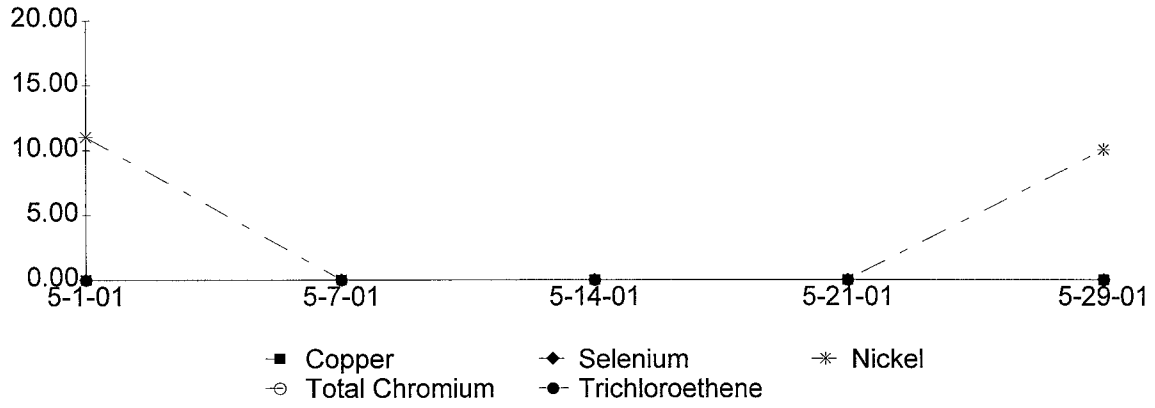
1.3 Effluent Monitoring

Weekly monitoring was conducted on May 1, 7, 14, 21 and 29. The weekly samples for May were tested by APL, Inc. The results of the effluent monitoring tests for the samples taken in May showed an exceedence of the WDNR effluent discharge permit in Nickel from the May 29 sampling results . After re-running the sample, the result showed that Nickel did not exceed the WDNR effluent discharge permit.

1.4 Monitoring Results

Results from weekly effluent monitoring can be found in the *Discharge Monitoring Report Form*, sent under a separate cover. Chart 1, below, shows the results of effluent monitoring for five important indicator parameters listed in the Monitoring Requirements of the *Oconomowoc Electroplating Superfund Site Substantive WPDES Permit Requirements Summary (9/96).*

Chart 1 - 5 Important Indicator Parameters



2.0 Plant Permit Exceedences

Paul Kozol, Project Manager from the WDNR, was notified about the exceedence of Nickel from the May 29 sampling. The May 29 result of Nickel was 30 ug/l and the permit limit for Nickel is 20 ug/l. Mr. Kozol allowed the plant to continue to operate based on the lab re-running the sample and the result was less than the permit limit. The result of the re-running of the sample was 10 ug/l.

3.0 Treatment Plant Shut Downs

The Treatment Plant was shut down two times for a total of 1.58 hours in May, 2001. The shut downs were due to clean RMT-301, FT-311, and CRT-211's Discharge Line and to Install a pH probe in the NPDES monitoring station. Table 1 shows the summary of the plant down times for the month of May, 2001.

Table 1 - Plant Down Time Summary

Date(s)	Number Hours Shut Down	Reason
5-3-01	1.25	Shut Down to Clean RMT-301 & FT-311 & Clear CRT-211's Discharge Line
5-8-01	0.33	Shut Down to Install pH Probe in NPDES Monitoring Station
TOTAL	**1.58**	

3.1 Shut Down to Clean Out RMT-301, FT-311, & CRT-211's Discharge Line

On May 3, the treatment plant was shut down to remove the sludge/hardness build-up from the Rapid Mix Tank (RMT-301) and Flocculation Tank (FT-311). All mixers were shut off and locked out and the pH probe was removed and placed in water. RMT-301 was drained to the Sludge Holding Tank (ST-820) using the Equalization Tank Solids Pump (ESP-120). The access covers were removed and the chemical feed pumps were shut down and isolated. After RMT-301 was drained, the FT-311 was set up to be drained. As FT-311 was draining, the walls and mixer were cleaned in RMT-301 and the walls, mixer, and floor were cleaned in FT-311. The drain hose was put back in line for RMT-301 and the floor was cleaned. All tanks were refilled using ESP-120 in the discharge mode and the treatment plant was restarted. All chemical feed pumps and mixers for RMT-301 and FT-311 were activated. The access covers and pH

probe were reinstalled. All levels and flows returned to normal operating parameters. Also, addressed during the shut down was clearing of the discharge line from the Cyanide Reaction Tank (CRT-211) to the Rapid Mix Tank RMT-301). Total down time was 1.25 hours. APL Inc., WDNR, and USACE were notified.

3.2 Shut Down to Install a pH Probe in the NPDES Monitoring Station

On May 8, the treatment plant was shut down and the old pH probe was removed from the NPDES Monitoring Station. The old probe was removed from it's insertion holder and the new probe was installed. The new pH probe was wired in to the NPDES monitoring station and calibrated. The pH probe was tested and the monitoring station was functioning normally. The treatment plant was re-started. Total down time was 0.33 hours. The USACE, WDNR, and APL, Inc. were notified of the shut down.

4.0 Sludge Press Operations

The Sludge Filter Press (FP-800) was filled and emptied 5 times during the month of May, 2001. It was emptied on May 9, 10, 16, 22, and 30. The dewatered sludge is sampled 1 time per year after the first opening of the press into the new hopper. We have 90 days after the first opening of the press and dumping into the new hopper to have it removed from the site. The sampling of the sludge occurred on January 22. A new hopper was set up on March 30, 2001. The first filter press load of dewatered sludge that was added to the new hopper occurred on April 5. The dewatered sludge hopper removal date is July 3. There are 9 filter press loads of dewatered sludge in the hopper at the end of May, 2001.

5.0 Summary

Groundwater Treatment Plant effluent monitoring was conducted on May 1, 7, 14, 21, and 29 of 2001. The laboratory results of these samples showed no exceedences of the limits listed in the Requirements of the *Oconomowoc Electroplating Superfund Site Substantive WPDES Permit Requirements Summary (9/96)*. See Chart 1, Section 1.4 for *Important Indicator Parameters.*

During the month of May, 2001, the plant was shut down two times for a total of 1.58 hours. See Table 1, Section 3.0 for shut down times. All equipment operation and maintenance related issues are detailed in a separate report, entitled "*Monthly Operation and Maintenance Report for*

the Oconomowoc Electroplating Groundwater Treatment Facility". That report will be submitted by June 15, 2001.

The Filter Press was filled and emptied 5 times during the month of May, 2001. A new hopper was set up on March 30. The hopper had 9 Filter Press fillings in it at the end of May, 2001.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	5-1-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.3	11.4	N/A	N/A	7.6	Monitor	
TSS	6.5	NT	NT	NT	3.5/5	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6/<5.6	5	
Barium	70	NT	NT	NT	10/<7	400	
Cadmium	<0.4	NT	NT	NT	<0.4/<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT NT	NT	NT	<0.4/<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	NT	NT	NT	<8/<8	10	
Copper	<6	NT	NT	NT	<6/<6	Monitor	
Iron	610	NT	NT	NT	<81/<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5/<1.5	1.5	
Manganese	100	NT	NT	NT	<6/<6	Monitor	
Mercury	<0.005	NT	NT	NT	<0.005/0.09	0.2	
Nickel	20	NT	NT	NT	11/<11	20	
Selenium	<4.8	NT	NT	NT	<4.8/<4.8	10	
Silver	<4	NT	NT	NT	<4/<4	10	
Thallium	<1.3	NT	NT	NT	<1.3/<1.3	0.4	
Zinc	<14	NT	NT	NT	<14/<14	Monitor	
Cyanide	50	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	17	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	30	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	<1.3	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	90	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	404	NT	1.6	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	16	NT	NT	NT	<3.8/5.8	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	<0.033/<0.033	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	0.88/0.85	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	<1.25/<1.25	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

Second Result "Effluent Composite Sample" is an In-House QA Check.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	5-07-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.2	11.3	N/A	N/A	7.8	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	<5.6	<5.6	NT	<5.6	5	
Barium	110	20	30	NT	<7	400	
Cadmium	<0.4	<0.4	<0.4	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	<0.4	<0.4	NT	<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	<8	<8	NT	<8	10	
Copper	<6	<6	<6	NT	<6	Monitor	
Iron	990	240	<81	NT	110	Monitor	
Lead	<1.5	<1.5	<1.5	NT	<1.5	1.5	
Manganese	150	10	10	NT	<6	Monitor	
Mercury	<0.005	<0.005	<0.005	NT	<0.005	0.2	
Nickel	20	<11	<11	NT	<11	20	
Selenium	<4.8	<4.8	<4.8	NT	<4.8	10	
Silver	<4	<4	<4	NT	<4	10	
Thallium	<1.3	<1.3	<1.3	NT	<1.3	0.4	
Zinc	<14	<14	<14	NT	<14	Monitor	
Cyanide	380	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	17	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	33	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	<1.3	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	115	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	447	NT	1.3	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	NT	NT	NT	NT	NT	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	NT	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	NT	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	NT	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	5-14-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.2	11.4	N/A	N/A	7.6	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6	5	
Barium	110	NT	NT	NT	<7	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	1600	NT	NT	NT	<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	160	NT	NT	NT	<6	Monitor	
Mercury	<0.02	NT	NT	NT	<0.02	0.2	
Nickel	30	NT	NT	NT	<11	20	
Selenium	<4.8	NT	NT	NT	<4.8	10	
Silver	4	NT	NT	NT	<4	10	
Thallium	<1.3	NT	NT	NT	<1.3	0.4	
Zinc	<14	NT	NT	NT	<14	Monitor	
Cyanide	30	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	17	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	34	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	11	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	124	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	403	NT	<0.34	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	NT	NT	NT	NT	NT	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	NT	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	NT	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	NT	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	5-21-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.2	11.3	N/A	N/A	7.5	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6	5	
Barium	110	NT	NT	NT	10	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT NT	NT	NT	<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	850	NT	NT	NT	<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	150	NT	NT	NT	<6	Monitor	
Mercury	<0.05	NT	NT	NT	0.07	0.2	
Nickel	<11	NT	NT	NT	<11	20	
Selenium	<4.8	NT	NT	NT	<4.8	10	
Silver	<4	NT	NT	NT	<4	10	
Thallium	<1.3	NT	NT	NT	<1.3	0.4	
Zinc	<14	NT	NT	NT	<14	Monitor	
Cyanide	40	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	16	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	31	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	<1.3	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	94	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	331	NT	3.1	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	NT	NT	NT	NT	NT	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	NT	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	NT	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	NT	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	5-29-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	6.9	11.3	N/A	N/A	7.3	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6	5	
Barium	100	NT	NT	NT	10	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	970	NT	NT	NT	90	Monitor	
Lead	2.8	NT	NT	NT	<1.5	1.5	
Manganese	150	NT	NT	NT	<6	Monitor	
Mercury	<0.05	NT	NT	NT	<0.05	0.2	
Nickel	30	NT	NT	NT	30/10	20	*
Selenium	<4.8	NT	NT	NT	<4.8	10	
Silver	5	NT	NT	NT	<4	10	
Thallium	<1.3	NT	NT	NT	<1.3	0.4	
Zinc	<14	NT	NT	NT	20	Monitor	
Cyanide	30	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	18	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	37	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	<1.3	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	105	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	386	NT	1.4	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	NT	NT	NT	NT	NT	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	NT	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	NT	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	NT	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

* Requested that the lab re-run the effluent Nickel to verify the result. Second number is the rerun result.

FLOW FROM EXTRACTION WELLS

YEAR: 2001

MONTH: May DAY	FE-100 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD
1	8,568,530.00	36,935.00	0.037
2	8,605,465.00	34,911.00	0.035
3	8,640,376.00	35,822.00	0.036
4	8,676,198.00	24,080.00	0.024
5	8,700,278.00	36,083.00	0.036
6	8,736,361.00	44,919.00	0.045
7	8,781,280.00	34,827.00	0.035
8	8,816,107.00	34,067.00	0.034
9	8,850,174.00	30,837.00	0.031
10	8,881,011.00	37,326.00	0.037
11	8,918,337.00	23,067.00	0.023
12	8,941,404.00	35,115.00	0.035
13	8,976,519.00	43,898.00	0.044
14	9,020,417.00	30,285.00	0.030
15	9,050,702.00	37,903.00	0.038
16	9,088,605.00	31,935.00	0.032
17	9,120,540.00	31,537.00	0.032
18	9,152,077.00	23,125.00	0.023
19	9,175,202.00	33,974.00	0.034
20	9,209,176.00	42,491.00	0.042
21	9,251,667.00	32,131.00	0.032
22	9,283,798.00	32,919.00	0.033
23	9,316,717.00	33,023.00	0.033
24	9,349,740.00	32,513.00	0.033
25	9,382,253.00	24,290.00	0.024
26	9,406,543.00	34,144.00	0.034
27	9,440,687.00	33,102.00	0.033
28	9,473,789.00	41,501.00	0.042
29	9,515,290.00	33,940.00	0.034
30	9,549,230.00	26,428.00	0.026
31	9,575,658.00	38,610.00	0.039
June 01	9,614,268.00		
		TOTAL	1.046
		AVERAGE	0.034

FLOW FROM EXTRACTION WELLS

YEAR: 2001

MONTH: May DAY	FIT-100 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD
1	2,977,116.40	37,062.90	0.037
2	3,014,179.30	35,119.80	0.035
3	3,049,299.10	36,025.30	0.036
4	3,085,324.40	22,836.00	0.023
5	3,108,160.40	37,168.80	0.037
6	3,145,329.20	45,106.90	0.045
7	3,190,436.10	35,201.10	0.035
8	3,225,637.20	34,209.90	0.034
9	3,259,847.10	31,075.70	0.031
10	3,290,922.80	37,553.40	0.038
11	3,328,476.20	23,260.20	0.023
12	3,351,736.40	35,034.50	0.035
13	3,386,770.90	43,834.30	0.044
14	3,430,605.20	30,365.90	0.030
15	3,460,971.10	38,063.20	0.038
16	3,499,034.30	32,203.30	0.032
17	3,531,237.60	31,741.30	0.032
18	3,562,978.90	22,309.90	0.022
19	3,585,288.80	35,512.90	0.036
20	3,620,801.70	42,535.00	0.043
21	3,663,336.70	32,366.00	0.032
22	3,695,702.70	32,979.20	0.033
23	3,728,681.90	33,107.50	0.033
24	3,761,789.40	32,481.70	0.032
25	3,794,271.10	24,245.20	0.024
26	3,818,516.30	34,031.60	0.034
27	3,852,547.90	32,898.00	0.033
28	3,885,445.90	41,559.00	0.042
29	3,927,004.90	33,749.90	0.034
30	3,960,754.80	26,565.00	0.027
31	3,987,319.80	38,872.10	0.039
June 01	4,026,191.90		
		TOTAL	1.049
		AVERAGE	0.034

FLOW FROM EQT-100

YEAR: 2001				
MONTH: May DAY	FE-112 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	6,168,202.00	48,763.00	0.049	
2	6,216,965.00	43,343.00	0.043	
3	6,260,308.00	47,384.00	0.047	SHUT DOWN
4	6,307,692.00	30,938.00	0.031	
5	6,338,630.00	47,223.00	0.047	
6	6,385,853.00	59,927.00	0.060	
7	6,445,780.00	48,067.00	0.048	
8	6,493,847.00	44,933.00	0.045	SHUT DOWN
9	6,538,780.00	40,377.00	0.040	
10	6,579,157.00	49,894.00	0.050	
11	6,629,051.00	30,598.00	0.031	
12	6,659,649.00	44,314.00	0.044	
13	6,703,963.00	57,833.00	0.058	
14	6,761,796.00	43,074.00	0.043	
15	6,804,870.00	47,624.00	0.048	
16	6,852,494.00	42,866.00	0.043	
17	6,895,360.00	40,997.00	0.041	
18	6,936,357.00	30,083.00	0.030	
19	6,966,440.00	44,307.00	0.044	
20	7,010,747.00	55,713.00	0.056	
21	7,066,460.00	44,171.00	0.044	
22	7,110,631.00	39,610.00	0.040	
23	7,150,241.00	41,981.00	0.042	
24	7,192,222.00	43,901.00	0.044	
25	7,236,123.00	29,563.00	0.030	
26	7,265,686.00	41,598.00	0.042	
27	7,307,284.00	40,337.00	0.040	
28	7,347,621.00	51,869.00	0.052	
29	7,399,490.00	47,061.00	0.047	
30	7,446,551.00	36,398.00	0.036	
31	7,482,949.00	50,268.00	0.050	
June 01	7,533,217.00			
		TOTAL	1.365	
		AVERAGE	0.044	

FLOW FROM EQT-100

YEAR: 2001

MONTH: May DAY	FIT-112 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	6,426,105.90	48,559.90	0.049	
2	6,474,665.80	43,793.40	0.044	
3	6,518,459.20	47,602.60	0.048	SHUT DOWN
4	6,566,061.80	29,277.50	0.029	
5	6,595,339.30	48,967.50	0.049	
6	6,644,306.80	59,748.30	0.060	
7	6,704,055.10	48,685.70	0.049	
8	6,752,740.80	44,845.50	0.045	SHUT DOWN
9	6,797,586.30	40,528.00	0.041	
10	6,838,114.30	50,062.40	0.050	
11	6,888,176.70	30,716.60	0.031	
12	6,918,893.30	44,363.70	0.044	
13	6,963,257.00	58,096.80	0.058	
14	7,021,353.80	43,077.70	0.043	
15	7,064,431.50	47,673.10	0.048	
16	7,112,104.60	43,062.70	0.043	
17	7,155,167.30	41,136.60	0.041	
18	7,196,303.90	28,675.90	0.029	
19	7,224,979.80	46,221.30	0.046	
20	7,271,201.10	55,424.80	0.055	
21	7,326,625.90	44,359.00	0.044	
22	7,370,984.90	39,672.00	0.040	
23	7,410,656.90	42,061.00	0.042	
24	7,452,717.90	44,096.20	0.044	
25	7,496,814.10	29,497.10	0.029	
26	7,526,311.20	41,683.10	0.042	
27	7,567,994.30	40,299.60	0.040	
28	7,608,293.90	52,405.00	0.052	
29	7,660,698.90	46,767.00	0.047	
30	7,707,465.90	36,627.40	0.037	
31	7,744,093.30	50,543.60	0.051	
June 01	7,794,636.90			
		TOTAL	1.370	
		AVERAGE	0.044	

EFFLUENT FLOW FROM PLANT

YEAR: 2001				
MONTH: May DAY	NPDES STATION TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	1,007,774.00	39,073.00	0.039	
2	1,046,847.00	33,865.00	0.034	
3	1,080,712.00	38,310.00	0.038	SHUT DOWN
4	1,119,022.00	24,658.00	0.025	
5	1,143,680.00	39,583.00	0.040	
6	1,183,263.00	46,033.00	0.046	
7	1,229,296.00	39,972.00	0.040	
8	1,269,268.00	35,320.00	0.035	SHUT DOWN
9	1,304,588.00	31,098.00	0.031	
10	1,335,686.00	40,055.00	0.040	
11	1,375,741.00	24,507.00	0.025	
12	1,400,248.00	35,005.00	0.035	
13	1,435,253.00	44,372.00	0.044	
14	1,479,625.00	33,743.00	0.034	
15	1,513,368.00	37,353.00	0.037	
16	1,550,721.00	33,697.00	0.034	
17	1,584,418.00	33,403.00	0.033	
18	1,617,821.00	22,903.00	0.023	
19	1,640,724.00	37,167.00	0.037	
20	1,677,891.00	40,617.00	0.041	
21	1,718,508.00	36,526.00	0.037	
22	1,755,034.00	30,903.00	0.031	
23	1,785,937.00	32,472.00	0.032	
24	1,818,409.00	34,648.00	0.035	
25	1,853,057.00	24,756.00	0.025	
26	1,877,813.00	32,600.00	0.033	
27	1,910,413.00	32,184.00	0.032	
28	1,942,597.00	39,548.00	0.040	
29	1,982,145.00	37,402.00	0.037	
30	2,019,547.00	28,175.00	0.028	
31	2,047,722.00	39,825.00	0.040	
June 01	2,087,547.00			
		TOTAL	1.081	
		AVERAGE	0.035	

MONITOR WELL DEPTHS

OCONOMOWOC GROUNDWATER TREATMENT PLANT						
MONITORING WELLS		WATER LEVEL		FEET		
DATE	MW02DP	MW03SP	MW05P	MW05DP	MW06P	MW11BP
July 31, 1998	6.64	DRY	3.74	4.26	8.00	COVERED
Aug. 31, 1998	7.70	DRY	DRY	5.34	8.70	COVERED
Sept. 17, 1998	7.50	DRY	DRY	5.00	8.66	COVERED
Oct. 7, 1998	6.50	DRY	3.75	4.10	8.34	COVERED
Nov. 23, 1998	6.66	DRY	DRY	4.37	8.17	COVERED
Dec. 15, 1998	5.90	DRY	3.40	3.75	8.20	COVERED
Jan. 18, 1999	6.60	DRY	3.75	4.72	8.25	COVERED
Feb. 3, 1999	5.36	6.10	3.15	2.90	7.15	COVERED
Mar. 3-4, 1999	5.51	DRY	3.20	3.04	7.40	COVERED
Apr. 15, 1999	5.30	6.20	3.25	4.40	6.92	COVERED
May 10, 1999	5.50	6.35	3.35	3.40	7.05	COVERED
June 18, 1999	4.95	6.05	3.00	3.22	6.81	COVERED
July 13, 1999	6.30	DRY	3.80	4.05	7.90	COVERED
August 06, 1999	6.37	DRY	3.58	4.00	7.65	COVERED
Sept. 15, 20, 1999	7.68	DRY	DRY	5.60	DRY	COVERED
October 06, 1999	6.60	DRY	3.84	4.14	DRY	COVERED
November 9,1999	7.78	DRY	DRY	5.48	DRY	COVERED
December 6-7, 1999	6.70	DRY	DRY	4.50	DRY	COVERED
January 7, 2000	7.50	DRY	DRY	5.10	DRY	COVERED
February 7, 2000	7.60	DRY	DRY	5.25	DRY	COVERED
March 8, 2000	6.81	6.40	4.30	4.24	6.82	COVERED
April 6, 2000	6.95	6.16	4.42	4.87	6.42	COVERED
May 3, 2000	6.63	DRY	3.98	4.42	DRY	COVERED
June 1, 2000	4.40	3.14	4.30	2.36	6.26	COVERED
July 3, 2000	4.97	4.81	2.84	2.85	DRY	COVERED
August 3, 2000	6.94	DRY	4.85	4.46	DRY	COVERED
September 6-7, 2000	6.92	DRY	4.29	4.75	DRY	COVERED
October 4, 2000	6.57	DRY	3.89	4.29	DRY	COVERED
November 2, 2000	7.16	DRY	DRY	4.99	DRY	COVERED
December 4, 7, & 11, 2000	6.81	DRY	DRY	4.59	DRY	COVERED
January 5, 2001	6.74	5.85	4.52	4.41	DRY	COVERED
February 5, 2001	6.63	DRY	4.02	5.00	DRY	COVERED
March 1 & 5, 2001	5.40	DRY	3.02	3.49	DRY	COVERED
April 02, 2001	5.41	DRY	3.37	3.69	DRY	COVERED
May 1, 2001	6.12	DRY	3.58	4.09	DRY	COVERED

MONITOR WELL DEPTHS

OCONOMOWOC GROUNDWATER TREATMENT PLANT						
MONITORING WELLS		WATER LEVEL	FEET			
DATE	MW12BP	MW12DP	MW13SP	MW14DP	MW15DP	MW16SP
July 31, 1998	4.75	3.78	5.75	4.80	10.49	UNACCESS.
Aug. 31, 1998	5.64	4.48	6.38	4.80	11.64	UNACCESS.
Sept. 17, 1998	5.35	3.20	6.31	4.86	11.10	UNACCESS.
Oct. 7, 1998	4.75	3.65	5.79	4.75	10.60	UNACCESS.
Nov. 23, 1998	4.73	3.70	5.82	4.56	10.46	UNACCESS.
Dec. 15, 1998	4.10	3.00	5.85	4.70	9.95	UNACCESS.
Jan. 18, 1999	4.70	3.70	5.70	5.00	10.50	UNACCESS.
Feb. 3, 1999	3.50	2.48	4.85	3.00	9.27	UNACCESS.
Mar. 3-4, & 16, 1999	3.50	2.70	5.15	3.40	9.20	2.95
Apr. 15,1999	3.61	3.20	4.84	2.60	9.25	2.63
May 10, 1999	3.85	3.05	4.95	2.80	9.45	3.80
June 18, 1999	3.71	3.75	4.87	2.49	9.29	2.81
July 13-14, 1999	4.50	3.65	5.74	3.82	10.19	3.05
August 06, 1999	4.62	3.59	5.48	3.26	10.17	3.32
Sept.13,15,20,23,' 99	6.00	4.90	6.51	4.80	10.95	4.17
October 06, 1999	4.80	3.80	6.00	4.56	10.70	3.40
November 9, 1999	5.80	4.72	6.52	5.63	11.50	5.64
December 6-7, 1999	4.41	3.50	6.17	5.30	10.28	3.10
January 7, 2000	4.40	5.45	6.35	5.60	11.00	4.60
February 7, 2000	5.70	4.65	6.65	5.90	11.50	4.00
March 8-9, 2000	4.52	3.42	5.29	4.24	10.32	2.61
April 6, 2000	4.51	3.95	5.91	4.79	10.15	3.31
May 3, 2000	4.75	3.62	5.76	4.19	10.51	3.15
June 6-7, 2000	3.27	2.20	4.23	1.52	8.98	2.51
July 3, 2000	4.30	2.09	2.10	2.16	8.85	2.50
August 3, 2000	5.03	3.98	5.93	3.41	10.89	4.41
September 6-7, 2000	5.09	3.95	6.01	4.51	11.26	3.39
October 4-5, 2000	4.67	3.60	5.65	4.09	10.43	3.08
November 2, 2000	5.20	4.13	6.07	4.94	11.03	3.42
December 7 & 11, 2000	4.81	3.77	5.85	4.69	10.63	3.25
January 5, 2001	4.86	3.69	5.89	5.41	10.65	3.03
February 5, 2001	4.65	3.54	5.55	4.52	10.47	2.45
March 1, 7, & 8, 2001	3.81	2.74	4.84	2.51	9.26	2.82
April 02, 2001	3.95	2.86	4.87	2.72	9.57	2.55
May 1, 2001	4.31	3.22	5.01	2.92	9.8	2.92

INORGANIC REPORT

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

WDNR# 241340550

INVOICE NUMBER **20010243**
DATE REPORTED: 31-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Sample Number: 23681 Matrix: GW
Client ID: **010501WA01P**
Collection: 5/1/2001 Time: 08:55
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	tm	5/21/2001	997044	
Barium - ICAP	0.07	mg/l	RJ	0.007	0.02	200.7	bb	5/8/2001	996981	
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jz	5/8/2001	996970	
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	5/8/2001	996981	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	5/8/2001	996981	
Iron - ICAP	0.61	mg/l	RJ	0.081	0.26	200.7	bb	5/8/2001	996981	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	tm	5/21/2001	997047	
Manganese - ICAP	0.1	mg/l	RJ	0.006	0.02	200.7	bb	5/8/2001	996981	
Mercury CV	<0.005	ug/l	RJ	0.005	0.02	245.1	bb	5/16/2001	997011	
Nickel - ICAP	0.02	mg/l	J RJ	0.011	0.03	200.7	bb	5/8/2001	996981	
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jz	5/9/2001	996991	
Silver - ICAP	<0.004	mg/l	RJ	0.004	0.01	200.7	bb	5/8/2001	996981	
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	tm	5/23/2001	997120	
Zinc - ICAP	<0.014	mg/l	RJ	0.014	0.04	200.7	bb	5/8/2001	996981	
Chromium, Hexavalent	<0.0042	mg/l		0.004	0.01	SM 3500D	ta	5/4/2001	997019	
COD. Total	16	mg/l		3.4	11	410.4-CT	tm	5/4/2001	997022	
Cyanide, Amenable	0.05	mg/l	RJ	0.006	0.02	335.2	bb	5/22/2001	997037	
Cyanide, Total	<0.006	mg/l	RJ	0.006	0.02	335.2		5/22/2001		
pH (water)	7.3	s.u.	#			150.1	ogtp	5/2/2001	996929	
Solids, Total Suspended	6.5	mg/l		1	3.2	SM 2540D	mw	5/7/2001	996953	

Sample Number: 23682 Matrix: GW
Client ID: **010501WA09R**
Collection: 5/1/2001 Time: 09:05
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	tm	5/21/2001	997044	
Barium - ICAP	0.01	mg/l	J RJ	0.007	0.02	200.7	bb	5/8/2001	996981	
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jz	5/8/2001	996970	
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	5/8/2001	996981	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	5/8/2001	996981	
Iron - ICAP	<0.081	mg/l	RJ	0.081	0.26	200.7	bb	5/8/2001	996981	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	tm	5/21/2001	997047	
Manganese - ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	5/8/2001	996981	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010243**
DATE REPORTED: 31-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Mercury CV	**<0.005**	**ug/l**	**RJ**	0.005	0.02	245.1	bb	5/16/2001	*997011*	
Nickel - ICAP	**0.01**	**mg/l**	***J* RJ**	0.011	0.03	200.7	bb	5/8/2001	*996981*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	5/9/2001	*996991*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	5/8/2001	*996981*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	tm	5/23/2001	*997120*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	5/8/2001	*996981*	
COD. Total	**<3.8**	**mg/l**		3.8	12	410.4-CT	tm	5/4/2001	*997022*	
Nitrate + Nitrite Nitrogen	**0.88**	**mg/l**		0.03	0.10	353.3	ta	5/4/2001	*997018*	
Nitrogen, Ammonia	**<1.25**	**mg/l**		1.25	4.0	350.1	ta	5/4/2001	*997021*	
Phosphorus, Total	**<0.033**	**mg/l**		0.033	0.10	365.2	ta	5/4/2001	*997020*	
Solids, Total Suspended	**3.5**	**mg/l**		1	3.2	SM 2540D	mw	5/7/2001	*996953*	

Sample Number: 23683 Matrix: GW
Client ID: **0105WA09Q**
Collection: 5/1/2001 Time: 09:05
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	tm	5/21/2001	*997044*	
Barium - ICAP	**<0.007**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	5/8/2001	*996981*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	5/8/2001	*996970*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	5/8/2001	*996981*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/8/2001	*996981*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	5/8/2001	*996981*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	tm	5/21/2001	*997047*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/8/2001	*996981*	
Mercury CV	**0.09**	**ug/l**	**RJ**	0.005	0.02	245.1	bb	5/16/2001	*997011*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	5/8/2001	*996981*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	5/9/2001	*996991*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	5/8/2001	*996981*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	tm	5/23/2001	*997120*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	5/8/2001	*996981*	
COD. Total	**5.8**	**mg/l**	***J***	3.4	11	410.4-CT	tm	5/4/2001	*997022*	
Nitrate + Nitrite Nitrogen	**0.85**	**mg/l**		0.03	0.10	353.3	ta	5/4/2001	*997018*	
Nitrogen, Ammonia	**<1.25**	**mg/l**		1.25	4.0	350.1	ta	5/4/2001	*997021*	
Phosphorus, Total	**<0.033**	**mg/l**		0.033	0.10	365.2	ta	5/4/2001	*997020*	
Solids, Total Suspended	**5**	**mg/l**		1	3.2	SM 2540D	mw	5/7/2001	*996953*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010243**
DATE REPORTED: 31-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 23687 Matrix: GW								Collection: 5/1/2001		Time: 09:00
Client ID: **010501WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	5/4/2001	*997019*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/22/2001	*997037*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		5/22/2001		
pH (water)	**7.6**	**s.u.**	**#**			150.1	ogtp	5/2/2001	*996929*	
Sample Number: 23688 Matrix: GW								Collection: 5/1/2001		Time: 09:07
Client ID: **010501WA02P**								Sample Description:		
pH (water)	**9.5**	**s.u.**	**#**			150.1	ogtp	5/2/2001	*996929*	
Sample Number: 23689 Matrix: GW								Collection: 5/1/2001		Time: 09:09
Client ID: **010501WA03P**								Sample Description:		
pH (water)	**11**	**s.u.**	**#**			150.1	ogtp	5/2/2001	*996929*	
Sample Number: 23690 Matrix: GW								Collection: 5/1/2001		Time: 08:45
Client ID: **010501WA05P**								Sample Description:		
pH (water)	**7.4**	**s.u.**	**#**			150.1	ogtp	5/2/2001	*996929*	

Approved By: _____ **Date:** 5/31/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 23681 QC Prep Batch Number: 996965 Collection: 5/1/2001 Time: 08:55
Client ID: 010501WA01P Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	5/2/2001 / 5/2/2001
1,1,1-Trichloroethane	90	ug/l	1.6	4.9	5		8260	qh	5/2/2001 / 5/2/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	5/2/2001 / 5/2/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethane	17	ug/l	1.6	5.1	5		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/2/2001 / 5/2/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	5/2/2001 / 5/2/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	5/2/2001 / 5/2/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	5/2/2001 / 5/2/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	5/2/2001 / 5/2/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/2/2001 / 5/2/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	5/2/2001 / 5/2/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	5/2/2001 / 5/2/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/2/2001 / 5/2/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/2/2001 / 5/2/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	5/2/2001 / 5/2/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	5/2/2001 / 5/2/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/2/2001 / 5/2/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	5/2/2001 / 5/2/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	5/2/2001 / 5/2/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	5/2/2001 / 5/2/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	5/2/2001 / 5/2/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	5/2/2001 / 5/2/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/2/2001 / 5/2/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/2/2001 / 5/2/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	5/2/2001 / 5/2/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	5/2/2001 / 5/2/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	5/2/2001 / 5/2/2001
cis-1,2-Dichloroethene	30	ug/l	1.4	4.3	5		8260	qh	5/2/2001 / 5/2/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	5/2/2001 / 5/2/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	5/2/2001 / 5/2/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	5/2/2001 / 5/2/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/2/2001 / 5/2/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/2/2001 / 5/2/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	5/2/2001 / 5/2/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/2/2001 / 5/2/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	5/2/2001 / 5/2/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	5/2/2001 / 5/2/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	5/2/2001 / 5/2/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/2/2001 / 5/2/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	5/2/2001 / 5/2/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	5/2/2001 / 5/2/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	5/2/2001 / 5/2/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/2/2001 / 5/2/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	5/2/2001 / 5/2/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/2/2001 / 5/2/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/2/2001 / 5/2/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/2/2001 / 5/2/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	5/2/2001 / 5/2/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	5/2/2001 / 5/2/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/2/2001 / 5/2/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/2/2001 / 5/2/2001
Trichloroethene	404	ug/l	1.7	5.4	5		8260	qh	5/2/2001 / 5/2/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	5/2/2001 / 5/2/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	5/2/2001 / 5/2/2001

Sample Number: 23684
Client ID: 0105WA07P

QC Prep Batch Number: 996965

Collection: 5/1/2001 Time: 08:47
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/2/2001 / 5/2/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/2/2001 / 5/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/2/2001 / 5/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/2/2001 / 5/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/2/2001 / 5/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/2/2001 / 5/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/2/2001 / 5/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/2/2001 / 5/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/2/2001 / 5/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/2/2001 / 5/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/2/2001 / 5/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Trichloroethene	1.6	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/2/2001 / 5/2/2001

Sample Number: 23685 QC Prep Batch Number: 996965 Collection: 5/1/2001 Time: 08:50
Client ID: 0105WA08P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/2/2001 / 5/2/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/2/2001 / 5/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/2/2001 / 5/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/2/2001 / 5/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/2/2001 / 5/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/2/2001 / 5/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/2/2001 / 5/2/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/2/2001 / 5/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/2/2001 / 5/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/2/2001 / 5/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/2/2001 / 5/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/2/2001 / 5/2/2001

Sample Number: 23686 QC Prep Batch Number: 996965 Collection: 5/1/2001 Time:
Client ID: Trip Blank Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/2/2001 / 5/2/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/2/2001 / 5/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/2/2001 / 5/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/2/2001 / 5/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/2/2001 / 5/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/2/2001 / 5/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/2/2001 / 5/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/2/2001 / 5/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/2/2001 / 5/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/2/2001 / 5/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/2/2001 / 5/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/2/2001 / 5/2/2001

Sample Number: 23687 QC Prep Batch Number: 996965 Collection: 5/1/2001 Time: 09:00
Client ID: 010501WA09P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/2/2001 / 5/2/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/2/2001 / 5/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/2/2001 / 5/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/2/2001 / 5/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/2/2001 / 5/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/2/2001 / 5/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/2/2001 / 5/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010243**
DATE REPORTED: 08-May-01
DATE RECEIVED: 01-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/2/2001 / 5/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/2/2001 / 5/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/2/2001 / 5/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/2/2001 / 5/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/2/2001 / 5/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/2/2001 / 5/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/2/2001 / 5/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/2/2001 / 5/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/2/2001 / 5/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/2/2001 / 5/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/2/2001 / 5/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/2/2001 / 5/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/2/2001 / 5/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/2/2001 / 5/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/2/2001 / 5/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/2/2001 / 5/2/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/2/2001 / 5/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/2/2001 / 5/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/2/2001 / 5/2/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010243**
DATE REPORTED:	08-May-01
DATE RECEIVED:	01-May-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 5/8/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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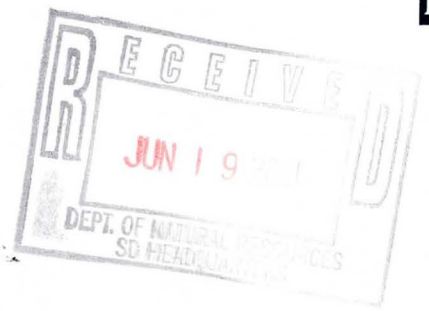
INORGANIC REPORT



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WDNR# 241340550

INVOICE NUMBER **20010265**
DATE REPORTED: 31-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 23747	Matrix: GW							Collection: 5/7/2001	Time: 09:15	
Client ID: **010507WA01P**								Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	tm	5/21/2001	*997044*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	5/17/2001	*997017*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	5/8/2001	*996970*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	5/17/2001	*997017*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Iron - ICAP	**0.99**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	5/17/2001	*997017*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	tm	5/21/2001	*997047*	
Manganese - ICAP	**0.15**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Mercury CV	**<0.005**	**ug/l**	**RJ**	0.005	0.02	245.1	bb	5/16/2001	*997011*	
Nickel - ICAP	**0.02**	**mg/l**	***J* RJ**	0.011	0.03	200.7	bb	5/17/2001	*997017*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	5/9/2001	*996991*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	5/17/2001	*997017*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	tm	5/23/2001	*997120*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	5/17/2001	*997017*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	5/9/2001	*997032*	
Cyanide, Amenable	**0.38**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/22/2001	*997037*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		5/22/2001		
pH (water)	**7.2**	**s.u.**	**#**			150.1	mw	5/8/2001	*996971*	
Sample Number: 23748	Matrix: GW							Collection: 5/7/2001	Time: 09:34	
Client ID: **010507WA05P**								Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	tm	5/21/2001	*997044*	
Barium - ICAP	**0.02**	**mg/l**	***J* RJ**	0.007	0.02	200.7	bb	5/17/2001	*997017*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	5/8/2001	*996970*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	5/17/2001	*997017*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Iron - ICAP	**0.24**	**mg/l**	***J* RJ**	0.081	0.26	200.7	bb	5/17/2001	*997017*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	tm	5/21/2001	*997047*	
Manganese - ICAP	**0.01**	**mg/l**	***J* RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Mercury CV	**<0.005**	**ug/l**	**RJ**	0.005	0.02	245.1	bb	5/16/2001	*997011*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	5/17/2001	*997017*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER 20010265
DATE REPORTED: 31-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

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Milwaukee, WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jz	5/9/2001	996991	
Silver - ICAP	<0.004	mg/l	RJ	0.004	0.01	200.7	bb	5/17/2001	997017	
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	tm	5/23/2001	997120	
Zinc - ICAP	<0.014	mg/l	RJ	0.014	0.04	200.7	bb	5/17/2001	997017	
pH (water)	7.8	s.u.	#			150.1	mw	5/8/2001	996971	

Sample Number: 23749 Matrix: GW
Client ID: **010507WA07P**
Collection: 5/7/2001 Time: 09:19
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	tm	5/21/2001	997044
Barium - ICAP	0.03	mg/l	RJ	0.007	0.02	200.7	bb	5/17/2001	997017
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jz	5/8/2001	996970
Chromium, Total - ICAP	<0.007	mg/l	RJ	0.008	0.03	200.7	bb	5/17/2001	997017
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	5/17/2001	997017
Iron - ICAP	<0.081	mg/l	RJ	0.081	0.26	200.7	bb	5/17/2001	997017
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	tm	5/21/2001	997047
Manganese - ICAP	0.01	mg/l	J RJ	0.006	0.02	200.7	bb	5/17/2001	997017
Mercury CV	<0.005	ug/l	RJ	0.005	0.02	245.1	bb	5/16/2001	997011
Nickel - ICAP	<0.011	mg/l	RJ	0.011	0.03	200.7	bb	5/17/2001	997017
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jz	5/9/2001	996991
Silver - ICAP	<0.004	mg/l	RJ	0.004	0.01	200.7	bb	5/17/2001	997017
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	tm	5/23/2001	997120
Zinc - ICAP	<0.014	mg/l	RJ	0.014	0.04	200.7	bb	5/17/2001	997017

Sample Number: 23750 Matrix: GW
Client ID: **010507WA09R**
Collection: 5/7/2001 Time: 09:28
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	tm	5/21/2001	997044
Barium - ICAP	<0.007	mg/l	RJ	0.007	0.02	200.7	bb	5/17/2001	997017
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jz	5/8/2001	996970
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	5/17/2001	997017
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	5/17/2001	997017
Iron - ICAP	0.11	mg/l	J RJ	0.081	0.26	200.7	bb	5/17/2001	997017
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	tm	5/21/2001	997047
Manganese - ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	5/17/2001	997017
Mercury CV	<0.005	ug/l	RJ	0.005	0.02	245.1	bb	5/16/2001	997011

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010265**
DATE REPORTED: 31-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	5/17/2001	*997017*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	5/9/2001	*996991*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	5/17/2001	*997017*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	tm	5/23/2001	*997120*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	5/17/2001	*997017*	
Sample Number: 23751 Matrix: GW								Collection: 5/7/2001		Time: 09:32
Client ID: **010507WA02P**								Sample Description:		
pH (water)	**9.7**	**s.u.**	**#**			150.1	mw	5/8/2001	*996971*	
Sample Number: 23752 Matrix: GW								Collection: 5/7/2001		Time: 09:30
Client ID: **010507WA03P**								Sample Description:		
pH (water)	**11**	**s.u.**	**#**			150.1	mw	5/8/2001	*996971*	
Sample Number: 23755 Matrix: GW								Collection: 5/7/2001		Time: 09:25
Client ID: **010507WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	5/9/2001	*997032*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/22/2001	*997037*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		5/22/2001		
pH (water)	**7.8**	**s.u.**	**#**			150.1	mw	5/8/2001	*996971*	

Approved By: _____ **Date:** 5/31/01
James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*
TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B *"J" = Results between LOD and LOQ* *"#" = no LOD or LOQ required.*
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 23747 QC Prep Batch Number: 997000 Collection: 5/7/2001 Time: 09:15
Client ID: 010507WA01P Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	5/9/2001 / 5/9/2001
1,1,1-Trichloroethane	115	ug/l	1.6	4.9	5		8260	qh	5/9/2001 / 5/9/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	5/9/2001 / 5/9/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethane	17	ug/l	1.6	5.1	5		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/9/2001 / 5/9/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	5/9/2001 / 5/9/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	5/9/2001 / 5/9/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	5/9/2001 / 5/9/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	5/9/2001 / 5/9/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/9/2001 / 5/9/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	5/9/2001 / 5/9/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	5/9/2001 / 5/9/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/9/2001 / 5/9/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/9/2001 / 5/9/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	5/9/2001 / 5/9/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	5/9/2001 / 5/9/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/9/2001 / 5/9/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	5/9/2001 / 5/9/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	5/9/2001 / 5/9/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	5/9/2001 / 5/9/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	5/9/2001 / 5/9/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	5/9/2001 / 5/9/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/9/2001 / 5/9/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/9/2001 / 5/9/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	5/9/2001 / 5/9/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	5/9/2001 / 5/9/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	5/9/2001 / 5/9/2001
cis-1,2-Dichloroethene	33	ug/l	1.4	4.3	5		8260	qh	5/9/2001 / 5/9/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	5/9/2001 / 5/9/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	5/9/2001 / 5/9/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	5/9/2001 / 5/9/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	5/9/2001 / 5/9/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/9/2001 / 5/9/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	5/9/2001 / 5/9/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/9/2001 / 5/9/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	5/9/2001 / 5/9/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	5/9/2001 / 5/9/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	5/9/2001 / 5/9/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/9/2001 / 5/9/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	5/9/2001 / 5/9/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	5/9/2001 / 5/9/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	5/9/2001 / 5/9/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/9/2001 / 5/9/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	5/9/2001 / 5/9/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	5/9/2001 / 5/9/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/9/2001 / 5/9/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	5/9/2001 / 5/9/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	5/9/2001 / 5/9/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	5/9/2001 / 5/9/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	5/9/2001 / 5/9/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	5/9/2001 / 5/9/2001
Trichloroethene	447	ug/l	1.7	5.4	5		8260	qh	5/9/2001 / 5/9/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	5/9/2001 / 5/9/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	5/9/2001 / 5/9/2001

Sample Number: 23749 QC Prep Batch Number: 997000 Collection: 5/7/2001 Time: 09:19
Client ID: 010507WA07P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/9/2001 / 5/9/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/9/2001 / 5/9/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/9/2001 / 5/9/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/9/2001 / 5/9/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/9/2001 / 5/9/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/9/2001 / 5/9/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/9/2001 / 5/9/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/9/2001 / 5/9/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/9/2001 / 5/9/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/9/2001 / 5/9/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/9/2001 / 5/9/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Trichloroethene	1.3	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/9/2001 / 5/9/2001

Sample Number: 23753 QC Prep Batch Number: 997000 Collection: 5/7/2001 Time: 09:22
Client ID: 010507WA08P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/9/2001 / 5/9/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/9/2001 / 5/9/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/9/2001 / 5/9/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/9/2001 / 5/9/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/9/2001 / 5/9/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/9/2001 / 5/9/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/9/2001 / 5/9/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/9/2001 / 5/9/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/9/2001 / 5/9/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/9/2001 / 5/9/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/9/2001 / 5/9/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/9/2001 / 5/9/2001

Sample Number: 23754 QC Prep Batch Number: 997000 Collection: 5/7/2001 Time:
Client ID: rip lank Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/9/2001 / 5/9/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/9/2001 / 5/9/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/9/2001 / 5/9/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/9/2001 / 5/9/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/9/2001 / 5/9/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/9/2001 / 5/9/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/9/2001 / 5/9/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/9/2001 / 5/9/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/9/2001 / 5/9/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/9/2001 / 5/9/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/9/2001 / 5/9/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/9/2001 / 5/9/2001

Sample Number: 23755 QC Prep Batch Number: 997000 Collection: 5/7/2001 Time: 09:25
Client ID: 010507WA09P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	5/9/2001 / 5/9/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	5/9/2001 / 5/9/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	5/9/2001 / 5/9/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	5/9/2001 / 5/9/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	5/9/2001 / 5/9/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	5/9/2001 / 5/9/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	5/9/2001 / 5/9/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	5/9/2001 / 5/9/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	5/9/2001 / 5/9/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	5/9/2001 / 5/9/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	5/9/2001 / 5/9/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	5/9/2001 / 5/9/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	5/9/2001 / 5/9/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	5/9/2001 / 5/9/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	5/9/2001 / 5/9/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	5/9/2001 / 5/9/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	5/9/2001 / 5/9/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	5/9/2001 / 5/9/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	5/9/2001 / 5/9/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	5/9/2001 / 5/9/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	5/9/2001 / 5/9/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	5/9/2001 / 5/9/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	5/9/2001 / 5/9/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	5/9/2001 / 5/9/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	5/9/2001 / 5/9/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	5/9/2001 / 5/9/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010265**
DATE REPORTED: 17-May-01
DATE RECEIVED: 07-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 5/17/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

WDNR# 241340550

INVOICE NUMBER **20010282**
DATE REPORTED: 31-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Sample Number: 23906 Matrix: GW
Client ID: **010514WA01P**
Collection: 5/14/2001 Time: 09:46
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	tm	5/21/2001	*997044*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	5/17/2001	*997017*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	tm	5/23/2001	*997121*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	5/17/2001	*997017*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Iron - ICAP	**1.6**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	5/17/2001	*997017*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	tm	5/21/2001	*997047*	
Manganese - ICAP	**0.16**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Mercury CV	**<0.02**	**ug/l**	**RJ**	2E-05	43E-05	245.1	bb	5/21/2001	*997034*	
Nickel - ICAP	**0.03**	**mg/l**	***J*** **RJ**	0.011	0.03	200.7	bb	5/17/2001	*997017*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	tm	5/23/2001	*997123*	
Silver - ICAP	**0.004**	**mg/l**	***J*** **RJ**	0.004	0.01	200.7	bb	5/17/2001	*997017*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	tm	5/23/2001	*997120*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	5/17/2001	*997017*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	5/23/2001	*997122*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/31/2001	*997114*	
Cyanide, Total	**0.03**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/31/2001	*997115*	
pH (water)	**7.2**	**s.u.**	**#**			150.1	ogtp	5/15/2001	*997008*	

Sample Number: 23907 Matrix: GW
Client ID: **010514WA09R**
Collection: 5/14/2001 Time: 09:35
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	tm	5/21/2001	*997044*	
Barium - ICAP	**<0.007**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	5/17/2001	*997017*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	tm	5/23/2001	*997121*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	5/17/2001	*997017*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	5/17/2001	*997017*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	tm	5/21/2001	*997047*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	5/17/2001	*997017*	
Mercury CV	**<0.02**	**ug/l**	**RJ**	2E-05	43E-05	245.1	bb	5/21/2001	*997034*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	5/17/2001	*997017*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010282**
DATE REPORTED: 31-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
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8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	tm	5/23/2001	*997123*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	5/17/2001	*997017*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	tm	5/23/2001	*997120*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	5/17/2001	*997017*	
Sample Number: 23908		Matrix: GW						Collection: 5/14/2001		Time: 09:43
Client ID: **010514WA02P**								Sample Description:		
pH (water)	**9.7**	**s.u.**	**#**			150.1	ogtp	5/15/2001	*997008*	
Sample Number: 23909		Matrix: GW						Collection: 5/14/2001		Time: 09:45
Client ID: **010514WA03P**								Sample Description:		
pH (water)	**11**	**s.u.**	**#**			150.1	ogtp	5/15/2001	*997008*	
Sample Number: 23910		Matrix: GW						Collection: 5/14/2001		Time: 09:22
Client ID: **010514WA05P**								Sample Description:		
pH (water)	**7.5**	**s.u.**	**#**			150.1	ogtp	5/15/2001	*997008*	
Sample Number: 23913		Matrix: GW						Collection: 5/14/2001		Time: 09:30
Client ID: **010514WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	5/23/2001	*997122*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/31/2001	*997114*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/31/2001	*997115*	
pH (water)	**7.6**	**s.u.**	**#**			150.1	ogtp	5/15/2001	*997008*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER	**20010282**
DATE REPORTED:	31-May-01
DATE RECEIVED:	14-May-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments

Approved By: _____ **Date:** 5/31/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B *"J" = Results between LOD and LOQ* *"#" = no LOD or LOQ required.*
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 23906 QC Prep Batch Number: 997031 Collection: 5/14/2001 Time: 09:46
Client ID: 010514WA01P Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	/ 5/14/2001
1,1,1-Trichloroethane	124	ug/l	1.6	4.9	5		8260	qh	/ 5/14/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	/ 5/14/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	/ 5/14/2001
1,1-Dichloroethane	17	ug/l	1.6	5.1	5		8260	qh	/ 5/14/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/14/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	/ 5/14/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	/ 5/14/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	/ 5/14/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	/ 5/14/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/14/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	/ 5/14/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/14/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	/ 5/14/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	/ 5/14/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/14/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/14/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 5/14/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	/ 5/14/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	/ 5/14/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/14/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	/ 5/14/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	/ 5/14/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/14/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/14/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	/ 5/14/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	/ 5/14/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/14/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 5/14/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	/ 5/14/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	/ 5/14/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 5/14/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	/ 5/14/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/14/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/14/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	/ 5/14/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	/ 5/14/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	/ 5/14/2001
cis-1,2-Dichloroethene	34	ug/l	1.4	4.3	5		8260	qh	/ 5/14/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	/ 5/14/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	/ 5/14/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	/ 5/14/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/14/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 5/14/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	/ 5/14/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/14/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	/ 5/14/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	/ 5/14/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 5/14/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/14/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	/ 5/14/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	/ 5/14/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	/ 5/14/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 5/14/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 5/14/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/14/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 5/14/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/14/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 5/14/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	/ 5/14/2001
trans-1,2-Dichloroethene	11	ug/l	1.3	4.0	5		8260	qh	/ 5/14/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/14/2001
Trichloroethene	403	ug/l	1.7	5.4	5		8260	qh	/ 5/14/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	/ 5/14/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	/ 5/14/2001

Sample Number: 23911 QC Prep Batch Number: 997031 Collection: 5/14/2001 Time: 09:25
Client ID: 010514WA07P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1	8260	qh	/ 5/14/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1	8260	qh	/ 5/14/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1	8260	qh	/ 5/14/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1	8260	qh	/ 5/14/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1	8260	qh	/ 5/14/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	8260	qh	/ 5/14/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1	8260	qh	/ 5/14/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1	8260	qh	/ 5/14/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1	8260	qh	/ 5/14/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1	8260	qh	/ 5/14/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1	8260	qh	/ 5/14/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1	8260	qh	/ 5/14/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260	qh	/ 5/14/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1	8260	qh	/ 5/14/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1	8260	qh	/ 5/14/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	8260	qh	/ 5/14/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/14/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/14/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/14/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/14/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/14/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/14/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/14/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/14/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/14/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/14/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/14/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/14/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/14/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/14/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/14/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/14/2001

Sample Number: 23912 QC Prep Batch Number: 997031 Collection: 5/14/2001 Time: 09:27
Client ID: 010514WA08P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 5/14/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/14/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/14/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/14/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 5/14/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 5/14/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 5/14/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 5/14/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/14/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 5/14/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/14/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/14/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/14/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/14/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/14/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/14/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/14/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/14/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/14/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/14/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/14/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/14/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/14/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/14/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/14/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/14/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/14/2001

Sample Number: 23913
Client ID: 010514WA09P

QC Prep Batch Number: 997031

Collection: 5/14/2001 Time: 09:30
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 5/14/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/14/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/14/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/14/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 5/14/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 5/14/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 5/14/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 5/14/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/14/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 5/14/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/14/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/14/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/14/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/14/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/14/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/14/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/14/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/14/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/14/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/14/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/14/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/14/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/14/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/14/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/14/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/14/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/14/2001

Sample Number: 23914 QC Prep Batch Number: 997031 Collection: 5/14/2001 Time:
Client ID: Trip Blank Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 5/14/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/14/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/14/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/14/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 5/14/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 5/14/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 5/14/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 5/14/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/14/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 5/14/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/14/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/14/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/14/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/14/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/14/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/14/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010282**
DATE REPORTED: 21-May-01
DATE RECEIVED: 14-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/14/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/14/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/14/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/14/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/14/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/14/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/14/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/14/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/14/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/14/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/14/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/14/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/14/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/14/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/14/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/14/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/14/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/14/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/14/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/14/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/14/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/14/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010282**
DATE REPORTED:	21-May-01
DATE RECEIVED:	14-May-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 5/21/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

WDNR# 241340550

INVOICE NUMBER **20010297**
DATE REPORTED: 11-Jun-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Sample Number: 24039 Matrix: GW
Client ID: **010521WA01P**
Collection: 5/21/2001 Time: 10:10
Sample Description:

Test	Result	Units		RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l		RJ	5.6	18	206.2	tm	5/21/2001	997044	
Barium - ICAP	0.11	mg/l		RJ	0.007	0.02	200.7	bb	5/23/2001	997059	
Cadmium - Furnace AA	<0.4	ug/l		RJ	0.4	1.3	213.2	tm	5/23/2001	997121	
Chromium, Total - ICAP	<0.008	mg/l		RJ	0.008	0.03	200.7	bb	5/23/2001	997059	
Copper- ICAP	<0.006	mg/l		RJ	0.006	0.02	200.7	bb	5/23/2001	997059	
Iron - ICAP	0.85	mg/l		RJ	0.081	0.26	200.7	bb	5/23/2001	997059	
Lead - Furnace AA	<1.5	ug/l		RJ	1.5	4.8	239.2	tm	5/21/2001	997047	
Manganese - ICAP	0.15	mg/l		RJ	0.006	0.02	200.7	bb	5/23/2001	997059	
Mercury CV	<0.0002	mg/l		RJ	0.0002	0.0006	245.1		6/8/2001		
Nickel - ICAP	<0.011	mg/l		RJ	0.011	0.03	200.7	bb	5/23/2001	997059	
Selenium - Furnace AA	<4.8	ug/l		RJ	4.8	15	270.2	tm	5/25/2001	997130	
Silver - ICAP	<0.004	mg/l		RJ	0.004	0.01	200.7	bb	5/23/2001	997059	
Thallium - Furnace AA	<1.3	ug/l		RJ	1.3	4.1	279.2	tm	5/29/2001	997133	
Zinc - ICAP	<0.014	mg/l		RJ	0.014	0.04	200.7	bb	5/23/2001	997059	
Chromium, Hexavalent	<0.0042	mg/l			0.004	0.01	SM 3500D	ta	5/30/2001	997122	
Cyanide, Amenable	<0.006	mg/l		RJ	0.006	0.02	335.2	bb	6/11/2001	997176	
Cyanide, Total	0.04	mg/l		RJ	0.006	0.02	335.2	bb	5/31/2001	997115	
pH (water)	7.2	s.u.	#				150.1		5/25/2001		

Sample Number: 24040 Matrix: GW
Client ID: **010521WA09R**
Collection: 5/21/2001 Time: 10:25
Sample Description:

Test	Result	Units		RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l		RJ	5.6	18	206.2	tm	5/21/2001	997044	
Barium - ICAP	0.01	mg/l	J	RJ	0.007	0.02	200.7	bb	5/23/2001	997059	
Cadmium - Furnace AA	<0.4	ug/l		RJ	0.4	1.3	213.2	tm	5/23/2001	997121	
Chromium, Total - ICAP	<0.008	mg/l		RJ	0.008	0.03	200.7	bb	5/23/2001	997059	
Copper- ICAP	<0.006	mg/l		RJ	0.006	0.02	200.7	bb	5/23/2001	997059	
Iron - ICAP	<0.081	mg/l		RJ	0.081	0.26	200.7	bb	5/23/2001	997059	
Lead - Furnace AA	<1.5	ug/l		RJ	1.5	4.8	239.2	tm	5/21/2001	997047	
Manganese - ICAP	<0.006	mg/l		RJ	0.006	0.02	200.7	bb	5/23/2001	997059	
Mercury CV	<0.0002	mg/l		RJ	0.0002	0.0006	245.1		6/8/2001		
Nickel - ICAP	<0.011	mg/l		RJ	0.011	0.03	200.7	bb	5/23/2001	997059	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010297**
DATE REPORTED: 11-Jun-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	5/31/2001	*997117*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	5/23/2001	*997059*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	tm	5/29/2001	*997133*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	5/23/2001	*997059*	
Sample Number: 24041		Matrix: GW						Collection: 5/21/2001		Time: 10:20
Client ID: **010521WA02P**								Sample Description:		
pH (water)	**9.7**	**s.u.**	**#**			150.1		5/25/2001		
Sample Number: 24042		Matrix: GW						Collection: 5/21/2001		Time: 10:22
Client ID: **010521WA03P**								Sample Description:		
pH (water)	**11**	**s.u.**	**#**			150.1		5/25/2001		
Sample Number: 24043		Matrix: GW						Collection: 5/21/2001		Time: 10:13
Client ID: **010521WA05P**								Sample Description:		
pH (water)	**7.1**	**s.u.**	**#**			150.1		5/25/2001		
Sample Number: 24046		Matrix: GW						Collection: 5/21/2001		Time: 10:28
Client ID: **010521WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	5/30/2001	*997122*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/11/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/31/2001	*997115*	
pH (water)	**7.5**	**s.u.**	**#**			150.1		5/25/2001		

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER	**20010297**
DATE REPORTED:	11-Jun-01
DATE RECEIVED:	21-May-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments

Approved By: _____ **Date:** 6/11/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B *"J" = Results between LOD and LOQ* *"#" = no LOD or LOQ required.*
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24039 QC Prep Batch Number: 997091 Collection: 5/21/2001 Time: 10:10
Client ID: 010521WA01P Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	/ 5/21/2001
1,1,1-Trichloroethane	94	ug/l	1.6	4.9	5		8260	qh	/ 5/21/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	/ 5/21/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	/ 5/21/2001
1,1-Dichloroethane	16	ug/l	1.6	5.1	5		8260	qh	/ 5/21/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/21/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	/ 5/21/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	/ 5/21/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	/ 5/21/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	/ 5/21/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/21/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	/ 5/21/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/21/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	/ 5/21/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	/ 5/21/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/21/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/21/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 5/21/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	/ 5/21/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	/ 5/21/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/21/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	/ 5/21/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	/ 5/21/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/21/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/21/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	/ 5/21/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	/ 5/21/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/21/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 5/21/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	/ 5/21/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	/ 5/21/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 5/21/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	/ 5/21/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/21/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/21/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	/ 5/21/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	/ 5/21/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	/ 5/21/2001
cis-1,2-Dichloroethene	31	ug/l	1.4	4.3	5		8260	qh	/ 5/21/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	/ 5/21/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	/ 5/21/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	/ 5/21/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 5/21/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 5/21/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	/ 5/21/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/21/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	/ 5/21/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	/ 5/21/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 5/21/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/21/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	/ 5/21/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	/ 5/21/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	/ 5/21/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 5/21/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 5/21/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 5/21/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 5/21/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 5/21/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 5/21/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	/ 5/21/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 5/21/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 5/21/2001
Trichloroethene	331	ug/l	1.7	5.4	5		8260	qh	/ 5/21/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	/ 5/21/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	/ 5/21/2001

Sample Number: 24044 QC Prep Batch Number: 997091 Collection: 5/21/2001 Time: 10:15
Client ID: 010521WA07P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1	8260	qh	/ 5/21/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1	8260	qh	/ 5/21/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1	8260	qh	/ 5/21/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1	8260	qh	/ 5/21/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1	8260	qh	/ 5/21/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	8260	qh	/ 5/21/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1	8260	qh	/ 5/21/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1	8260	qh	/ 5/21/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1	8260	qh	/ 5/21/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1	8260	qh	/ 5/21/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1	8260	qh	/ 5/21/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1	8260	qh	/ 5/21/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260	qh	/ 5/21/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1	8260	qh	/ 5/21/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1	8260	qh	/ 5/21/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	8260	qh	/ 5/21/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/21/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/21/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/21/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/21/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/21/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/21/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/21/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/21/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/21/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/21/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/21/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/21/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/21/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/21/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/21/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Trichloroethene	3.1	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/21/2001

Sample Number: 24045 QC Prep Batch Number: 997091 Collection: 5/21/2001 Time: 10:18
Client ID: 010521WA08P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 5/21/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/21/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/21/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/21/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 5/21/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 5/21/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 5/21/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 5/21/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/21/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 5/21/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/21/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/21/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/21/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/21/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/21/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/21/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/21/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/21/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/21/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/21/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/21/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/21/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/21/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/21/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/21/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/21/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/21/2001

Sample Number: 24046 QC Prep Batch Number: 997091 Collection: 5/21/2001 Time: 10:28
Client ID: 010521WA09P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 5/21/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/21/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/21/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/21/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 5/21/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 5/21/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 5/21/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 5/21/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/21/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 5/21/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/21/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/21/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/21/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/21/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/21/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/21/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/21/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/21/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/21/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/21/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/21/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/21/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/21/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/21/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/21/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/21/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/21/2001

Sample Number: 24047 QC Prep Batch Number: 997091 Collection: 5/21/2001 Time:
Client ID: Trip Blank Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 5/21/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/21/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 5/21/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/21/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 5/21/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 5/21/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 5/21/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 5/21/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/21/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 5/21/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 5/21/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 5/21/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 5/21/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 5/21/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 5/21/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 5/21/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010297**
DATE REPORTED: 31-May-01
DATE RECEIVED: 21-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 5/21/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 5/21/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 5/21/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 5/21/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 5/21/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 5/21/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 5/21/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 5/21/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 5/21/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 5/21/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 5/21/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 5/21/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 5/21/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 5/21/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 5/21/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 5/21/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 5/21/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 5/21/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 5/21/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 5/21/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 5/21/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 5/21/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010297**
DATE REPORTED:	31-May-01
DATE RECEIVED:	21-May-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 5/31/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24226
Client ID: 010529WA01P

QC Prep Batch Number: 997220

Collection: 5/29/2001 Time: 10:10

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	Admin	/ 5/30/2001
1,1,1-Trichloroethane	105	ug/l	1.6	4.9	5		8260	Admin	/ 5/30/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 5/30/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 5/30/2001
1,1-Dichloroethane	18	ug/l	1.6	5.1	5		8260	Admin	/ 5/30/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 5/30/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	Admin	/ 5/30/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	Admin	/ 5/30/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	Admin	/ 5/30/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	Admin	/ 5/30/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 5/30/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 5/30/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 5/30/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	Admin	/ 5/30/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	Admin	/ 5/30/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 5/30/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 5/30/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 5/30/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 5/30/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 5/30/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 5/30/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	Admin	/ 5/30/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	Admin	/ 5/30/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 5/30/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 5/30/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	Admin	/ 5/30/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	Admin	/ 5/30/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 5/30/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 5/30/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 5/30/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	Admin	/ 5/30/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 5/30/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	Admin	/ 5/30/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 5/30/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 5/30/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	Admin	/ 5/30/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 5/30/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	Admin	/ 5/30/2001
cis-1,2-Dichloroethene	37	ug/l	1.4	4.3	5		8260	Admin	/ 5/30/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 5/30/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	Admin	/ 5/30/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	<2.3	ug/l	2.3	7.3	5		8260	Admin	/ 5/30/2001
Dichlorodifluoromethane	<1.4	ug/l	1.4	4.3	5		8260	Admin	/ 5/30/2001
Ethylbenzene	<1.3	ug/l	1.3	4.0	5		8260	Admin	/ 5/30/2001
Hexachlorobutadiene	<2.1	ug/l	2.1	6.7	5		8260	Admin	/ 5/30/2001
Isopropyl Ether	<1.5	ug/l	1.5	4.8	5		8260	Admin	/ 5/30/2001
Isopropylbenzene	<1.7	ug/l	1.7	5.2	5		8260	Admin	/ 5/30/2001
m&p-xylene	<2.7	ug/l	2.7	8.4	5		8260	Admin	/ 5/30/2001
Methyl-t-butyl ether	<2.0	ug/l	2.0	6.2	5		8260	Admin	/ 5/30/2001
Methylene chloride	<1.5	ug/l	1.5	4.8	5		8260	Admin	/ 5/30/2001
n-Butylbenzene	<1.8	ug/l	1.8	5.7	5		8260	Admin	/ 5/30/2001
n-Propylbenzene	<1.4	ug/l	1.4	4.5	5		8260	Admin	/ 5/30/2001
Naphthalene	<3.8	ug/l	3.8	12	5		8260	Admin	/ 5/30/2001
o-xylene	<1.3	ug/l	1.3	4.0	5		8260	Admin	/ 5/30/2001
p-Isopropyltoluene	<1.6	ug/l	1.6	4.9	5		8260	Admin	/ 5/30/2001
sec-Butylbenzene	<1.7	ug/l	1.7	5.4	5		8260	Admin	/ 5/30/2001
Styrene	<1.3	ug/l	1.3	4.0	5		8260	Admin	/ 5/30/2001
tert-Butylbenzene	<1.5	ug/l	1.5	4.8	5		8260	Admin	/ 5/30/2001
Tetrachloroethene	<1.6	ug/l	1.6	4.9	5		8260	Admin	/ 5/30/2001
Toluene	<1.5	ug/l	1.5	4.6	5		8260	Admin	/ 5/30/2001
trans-1,2-Dichloroethene	<1.3	ug/l	1.3	4.0	5		8260	Admin	/ 5/30/2001
trans-1,3-Dichloropropene	<1.3	ug/l	1.3	4.1	5		8260	Admin	/ 5/30/2001
Trichloroethene	386	ug/l	1.7	5.4	5		8260	Admin	/ 5/30/2001
Trichlorofluoromethane	<1.2	ug/l	1.2	3.8	5		8260	Admin	/ 5/30/2001
Vinyl chloride	<1.0	ug/l	1.0	3.2	5		8260	Admin	/ 5/30/2001

Sample Number: 24231 QC Prep Batch Number: 997220 Collection: 5/29/2001 Time:
Client ID: Trip Blank Sample Description:

1,1,1,2-Tetrachloroethane	<0.22	ug/l	0.22	0.70	1		8260	Admin	/ 5/30/2001
1,1,1-Trichloroethane	<0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
1,1,2,2-Tetrachloroethane	<0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1,2-Trichloroethane	<0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethane	<0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethene	<0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,1-Dichloropropene	<0.43	ug/l	0.43	1.4	1		8260	Admin	/ 5/30/2001
1,2,3-Trichlorobenzene	<0.50	ug/l	0.50	1.6	1		8260	Admin	/ 5/30/2001
1,2,3-Trichloropropane	<0.51	ug/l	0.51	1.6	1		8260	Admin	/ 5/30/2001
1,2,4-Trichlorobenzene	<0.47	ug/l	0.47	1.5	1		8260	Admin	/ 5/30/2001
1,2,4-Trimethylbenzene	<0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
1,2-Dibromoethane	<0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
1,2-Dichlorobenzene	<0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloroethane	<0.35	ug/l	0.35	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloropropane	<0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,3,5-Trimethylbenzene	<0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 5/30/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 5/30/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 5/30/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 5/30/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 5/30/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 5/30/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 5/30/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 5/30/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 5/30/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 5/30/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 5/30/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 5/30/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 5/30/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 5/30/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 5/30/2001

Sample Number: 24232 QC Prep Batch Number: 997220 Collection: 5/29/2001 Time: 09:56
Client ID: 010529WA07P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 5/30/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 5/30/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 5/30/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 5/30/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 5/30/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 5/30/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 5/30/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 5/30/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 5/30/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 5/30/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 5/30/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 5/30/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 5/30/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 5/30/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 5/30/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 5/30/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 5/30/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 5/30/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 5/30/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Trichloroethene	1.4	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 5/30/2001

Sample Number: 24233 QC Prep Batch Number: 997220 Collection: 5/29/2001 Time: 09:56
Client ID: 010529WA08P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 5/30/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 5/30/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 5/30/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 5/30/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 5/30/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 5/30/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 5/30/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 5/30/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 5/30/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 5/30/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 5/30/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 5/30/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 5/30/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 5/30/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 5/30/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 5/30/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 5/30/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 5/30/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 5/30/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 5/30/2001

Sample Number: 24234 QC Prep Batch Number: 997220 Collection: 5/29/2001 Time: 09:58
Client ID: 010529WA09P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 5/30/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 5/30/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 5/30/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 5/30/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 5/30/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 5/30/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 5/30/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 5/30/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 5/30/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 5/30/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 5/30/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 5/30/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 5/30/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 5/30/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 5/30/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 5/30/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 5/30/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 5/30/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 5/30/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 5/30/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 5/30/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 5/30/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 5/30/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 5/30/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 5/30/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 5/30/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 5/30/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 5/30/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 5/30/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 5/30/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 5/30/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 5/30/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 5/30/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 5/30/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010330**
DATE REPORTED:	14-Jun-01
DATE RECEIVED:	29-May-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 6/14/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24226 Matrix: GW
Client ID: **010529WA01P**
Collection: 5/29/2001 Time: 10:10
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	jb	6/5/2001	997152	
Barium - ICAP	0.1	mg/l	RJ	0.007	0.02	200.7	bb	6/6/2001	997171	
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jb	6/1/2001	997129	
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	6/6/2001	997171	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Iron - ICAP	0.97	mg/l	RJ	0.081	0.26	200.7	bb	6/6/2001	997171	
Lead - Furnace AA	2.8	ug/l	J RJ	1.5	4.8	239.2	jb	6/4/2001	997144	
Manganese - ICAP	0.15	mg/l	RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Mercury CV	<0.05	ug/l	RJ	0.05	0.16	245.1	bb	6/12/2001	997209	
Nickel - ICAP	0.03	mg/l	J RJ	0.011	0.03	200.7	bb	6/6/2001	997171	
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jb	5/31/2001	997117	
Silver - ICAP	0.005	mg/l	J RJ	0.004	0.01	200.7	bb	6/6/2001	997171	
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	jb	5/31/2001	997125	
Zinc - ICAP	<0.014	mg/l	RJ	0.014	0.04	200.7	bb	6/6/2001	997171	
Chromium, Hexavalent	<0.0042	mg/l		0.004	0.01	SM 3500D		6/1/2001		
Cyanide, Amenable	<0.006	mg/l	RJ	0.006	0.02	335.2	bb	6/11/2001	997176	
Cyanide, Total	0.03	mg/l	RJ	0.006	0.02	335.2	bb	5/31/2001	997115	
pH (water)	6.9	s.u.	#			150.1	ogtp	5/29/2001	997112	

Sample Number: 24227 Matrix: GW
Client ID: **010529WA09R**
Collection: 5/29/2001 Time: 10:03
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	jb	6/5/2001	997152	
Barium - ICAP	0.01	mg/l	J RJ	0.007	0.02	200.7	bb	6/6/2001	997171	
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jb	6/1/2001	997129	
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	6/6/2001	997171	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Iron - ICAP	0.09	mg/l	J RJ	0.081	0.26	200.7	bb	6/6/2001	997171	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jb	6/4/2001	997144	
Manganese - ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Mercury CV	<0.05	ug/l	RJ	0.05	0.16	245.1	bb	6/12/2001	997209	
Nickel - ICAP	0.01	mg/l	J RJ	0.011	0.03	200.7	bb	6/6/2001	997171	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010330**
DATE REPORTED: 14-Jun-01
DATE RECEIVED: 29-May-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	5/31/2001	*997117*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	5/31/2001	*997125*	
Zinc - ICAP	**0.02**	**mg/l**	*J* **RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Sample Number: 24228 Matrix: GW								Collection: 5/29/2001		Time: 10:05
Client ID: **010529WA02P**								Sample Description:		
pH (water)	**9.7**	**s.u.**	#			150.1	ogtp	5/29/2001	*997112*	
Sample Number: 24229 Matrix: GW								Collection: 5/29/2001		Time: 10:07
Client ID: **010529WA03P**								Sample Description:		
pH (water)	**11**	**s.u.**	#			150.1	ogtp	5/29/2001	*997112*	
Sample Number: 24230 Matrix: GW								Collection: 5/29/2001		Time: 09:52
Client ID: **010529WA05P**								Sample Description:		
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	5/29/2001	*997112*	
Sample Number: 24234 Matrix: GW								Collection: 5/29/2001		Time: 09:58
Client ID: **010529WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D		6/1/2001		
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/11/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	5/31/2001	*997115*	
pH (water)	**7.3**	**s.u.**	#			150.1	ogtp	5/29/2001	*997112*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER	**20010330**
DATE REPORTED:	14-Jun-01
DATE RECEIVED:	29-May-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments

Approved By: _____ **Date:** 6/14/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.