



July 25, 2016

Certified Mail
Return Receipt Requested

Jane Rael, P.E., Industrial Pretreatment Engineer
Albuquerque Bernalillo County Water Utility Authority
P.O. Box 568
Albuquerque, New Mexico 87103-0568

RE: Semi-Annual Report
Name: Intel Corporation
Permit Number: 2021A
Reporting Period: January 1, 2016 through June 30, 2016

Enclosed is Intel Corporation's Semi-Annual Report for the above stated reporting period as required in the Wastewater Discharge Permit for the facility noted above.

The following information is enclosed:

Endorsement

- Ammonia Loading
- Cyanide Certification
- Average and Daily Effluent Flow Monitoring
- Grease Traps, Sand Traps and Oil/Water Separators
- Hazardous Air Pollutants Certification
- Hazardous Substances and Pretreatment Wastes for Permit # 2021A
- 2021A pH Monitoring
- Reporting Certification
- Toxic Organic Management Plan Certification Statement
- Special Wastestream Pollutant Limitations
- Source Reduction and Waste Minimization Statement
- Attachments:
 - Test America Outfall Analytical Reports
 - Grease Trap Pump Out Documentation

Code

- LOAD2
- CN
- FM6
- GS
- HAPS
- HZ3
- PH3
- RC
- TC3
- INGA
- WM

To clarify any information submitted, please contact Jeff Rudnik at (505) 893-1613.

Sincerely,

Mindy Koch
NM Site Corporate Services Manager

Enclosures

Permit #: 2021A
Permittee: Intel Corporation
Address: 4100 Sara Road
City: Rio Rancho
State, Zip: NM 87124-1025

Reporting Requirements

<u>Code</u>	<u>Endorsement</u>
LOAD2	2021A AMMONIA LOADING
CN	CYANIDE CERTIFICATION
FM6	AVERAGE AND DAILY EFFLUENT FLOW MONITORING
GS	GREASE TRAPS, SAND TRAPS AND OIL/WATER SEPARATORS
HAPS	HAZARDOUS AIR POLLUTANTS CERTIFICATION
HZ3	HAZ WASTE PERMIT 2021A
PH3	PH MONITORING PERMIT 2021A
RC	REPORTING CERTIFICATION
TC3	TOMP CERTIFICATION STATEMENT
INGA	SPECIAL WASTESTREAM POLLUTANT LIMITATIONS
WM	WASTE MIN. PERMIT 2021A

ENDORSEMENT LOAD2

2021A AMMONIA LOADING

COMPLIANCE REQUIREMENT: The Permittee is required to discharge less than 2,200 lbs per day of Ammonia calculated on a monthly average. Industry sampling and Water Authority monitoring may be combined to calculate the monthly average. The Permittee is required to discharge less than 5,418 lbs per day of Ammonia as a maximum on any one day.

MONITORING REQUIREMENT: The Permittee shall monitor the discharge on a weekly basis using Hach Method 10031, or another method approved by the Industrial Pretreatment Engineer. Monitoring by the permittee may be increased at the discretion of the Industrial Pretreatment Engineer.

REPORTING REQUIREMENT: The Permittee shall notify the Industrial Pretreatment Engineer (289-3439) via telephone within 12 hours if any Ammonia load is greater than the monthly average limit. If the Industrial Pretreatment Engineer does not answer, the shift supervisor at the SWRP control room should be notified (289-3411). The Permittee shall report on the monthly bases all Ammonia monitoring and flows. The results and flow must be sent to the Industrial Pretreatment Engineer or her designate by the 10th of the month. Twice a year the Permittee shall conduct accuracy checks per the analytical method and submit the results with each semi-annual report.

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Date	Check Results (10 ppm Standard)
1/6/2016	10.6
1/14/2016	9.1
1/20/2016	9.5
1/28/2016	10.5
2/3/2016	10.1
2/10/2016	9.7
2/17/2016	9.4
2/24/2016	9.7
3/2/2016	9.9
3/9/2016	10.63
3/16/2016	10.1
3/23/2016	9.3
4/6/2016	9.4
4/13/2016	10.2
4/27/2016	10.1
5/4/2016	9.9
5/11/2016	10.3
5/18/2016	9.7
5/25/2016	9.9
6/1/2016	10.7
6/8/2016	9.4
6/15/2016	9.8
6/22/2016	11
6/29/2016	9.3

ENDORSEMENT CN

CYANIDE CERTIFICATION

COMPLIANCE REQUIREMENT: See below.

MONITORING REQUIREMENT: None required by the Permittee.

REPORTING REQUIREMENT: The Permittee shall report either the presence or absence of Cyanide compounds on the premises during the reporting period. Example CYANIDE CERTIFICATION STATEMENTS are shown below. The Permittee shall submit the appropriate certification statement shown below with each semi-annual report submittal.

* * * *

CYANIDE CERTIFICATION STATEMENT (CYANIDE NOT PRESENT)

I hereby certify that no cyanide compounds are stored or used on the premises at this time and that no cyanide compounds were stored or used on the premises during the current permit reporting period. I further certify that the presence of any cyanide compound on the premises shall be reported to the Industrial Waste Engineer (873-7047) within 24 hours of receipt of the compound, regardless of the intended use or disposition of the material.

Facility Name: _____
Permit No.: _____ Date: _____
Signature: _____ Title: _____
Authorized Representative

* * * *

CYANIDE CERTIFICATION STATEMENT (CYANIDE PRESENT)

I hereby certify that cyanide compounds were stored or used on the premises during the current permit reporting period.

Facility Name: Intel Corporation
Permit No.: 2021A Date: 7/25/16
Signature: *Alfred Koch* Title: NM Corporate Services
Authorized Representative Manager

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Cyanide compounds present on the NM site during this reporting period are listed below:

Product Name	Chemical Ingredient	CAS	Contribution %	Container	Size	Unit	Count	Total (Lbs)	Location
Ammonia Test Kits (Ammonia Cyanurate Reagent)	Sodium Dichloroisocyanurate	2893-78-9	2.5%	Packet	0.02	Kg	3	0.003	General Chemistry Lab
Ammonia Test Kits (Ammonia Salicylate Reagent)	Sodium Nitroferrocyanide	14402-89-2	1%	Packet	0.02	Kg	3	0.001	General Chemistry Lab
Super Glue	Ethyl Cyanoacrylate	7085-85-0	100%	Tube	2	Gram	1	0.004	FA Wet Lab
LC 29 Liquid Crystal	Hexylcyanobiphenyl	41122-70-7	100%	Bottle	5	mL	1	0.001	FA Wet Lab

ENDORSEMENT FM6

AVERAGE AND DAILY EFFLUENT FLOW MONITORING

COMPLIANCE REQUIREMENT: The holder of this Permit must meet the requirements of 40 CFR 403.12(e)(1), and shall submit to the Pretreatment Program, along with the semi-annual report during the months of January and July, a report which shall include a record of measured or estimated average and maximum daily flows for the reporting period of the effluent from this facility. The report shall also include a copy of this endorsement, with the relevant information filled in below.

The Pretreatment Section may allow for verifiable estimates of these flows, where justified by cost or feasibility considerations.

MONITORING REQUIREMENT: Average and maximum daily flows of all regulated process streams and, as necessary, other effluent streams from the facility.

REPORTING REQUIREMENT: The Permittee shall submit information showing the measured average daily and maximum daily flow, in gallons per day (gpd) to the Pretreatment Program from each of the following:

1. Regulated process streams; and
2. Other streams as necessary to allow use of the Combined Waste stream Formula.

The permit holder shall submit flow meter calibration documentation with the semi-annual reports.

Average Daily Flow: __1,800,351__ gallons per day

Peak Daily Flow: __2,502,468__ gallons per day

Peak Daily Flow occurred on: __1/15/2016__ date

DAILY EFFLUENT FLOW MONITORING

Per 40 CFR 403.12(e)(1) Intel is submitting measured average and maximum flow data for regulated process streams and un-regulated streams.

January 2016

Date	Site Outfall flow Average (gpm)	AWN Unreg/Dil Flows (gpm)	Regulated Flows Average	Unreg/Dil Flows Average
1/1/2016	1,544	363	1,155	389
1/2/2016	1,519	357	1,137	383
1/3/2016	1,417	222	1,169	248
1/4/2016	1,567	182	1,360	208
1/5/2016	1,428	181	1,221	207
1/6/2016	1,420	181	1,213	207
1/7/2016	1,503	324	1,153	350
1/8/2016	1,547	358	1,163	384
1/9/2016	1,384	222	1,136	248
1/10/2016	1,395	192	1,178	218
1/11/2016	1,545	323	1,195	349
1/12/2016	1,476	224	1,226	250
1/13/2016	1,402	184	1,192	210
1/14/2016	1,398	188	1,184	214
1/15/2016	1,738	451	1,261	477
1/16/2016	1,399	254	1,119	280
1/17/2016	1,374	189	1,159	215
1/18/2016	1,352	184	1,142	210
1/19/2016	1,651	322	1,304	348
1/20/2016	1,365	219	1,120	245
1/21/2016	1,423	188	1,209	214
1/22/2016	1,494	318	1,150	344
1/23/2016	1,470	357	1,088	383
1/24/2016	1,435	222	1,187	248
1/25/2016	1,472	188	1,259	214
1/26/2016	1,482	185	1,271	211
1/27/2016	1,608	326	1,256	352
1/28/2016	1,320	217	1,077	243
1/29/2016	1,551	326	1,199	352
1/30/2016	1,358	219	1,113	245
1/31/2016	1,455	318	1,111	344
	gpm	gpd		
Average	1,465	2,109,594		
Peak	1,738	2,502,468	Peak Date	1/15/2016

February 2016

Date	Site Outfall flow Average (gpm)	AWN Unreg/Dil Flows (gpm)	Regulated Flows Average	Unreg/Dil Flows Average
2/1/2016	1,357	217	1,114	243
2/2/2016	1,496	180	1,290	206
2/3/2016	1,326	183	1,117	209
2/4/2016	1,366	181	1,159	207
2/5/2016	1,477	324	1,127	350
2/6/2016	1,458	354	1,078	380
2/7/2016	1,286	216	1,044	242
2/8/2016	1,317	182	1,109	208
2/9/2016	1,572	318	1,229	344
2/10/2016	1,325	217	1,082	243
2/11/2016	1,311	182	1,104	208
2/12/2016	1,311	182	1,104	208
2/13/2016	1,605	458	1,122	484
2/14/2016	1,289	256	1,007	282
2/15/2016	1,297	181	1,090	207
2/16/2016	1,324	181	1,117	207
2/17/2016	1,608	320	1,263	346
2/18/2016	1,179	208	945	234
2/19/2016	1,156	171	959	197
2/20/2016	1,178	175	978	201
2/21/2016	1,511	454	1,031	480
2/22/2016	1,201	248	927	274
2/23/2016	1,220	177	1,018	203
2/24/2016	1,241	174	1,040	200
2/25/2016	1,404	180	1,198	206
2/26/2016	1,374	317	1,031	343
2/27/2016	1,220	213	981	239
2/28/2016	1,192	181	986	207
2/29/2016	1,374	312	1,036	338
	gpm	gpd		
Average	1,344	1,935,483		
Peak	1,608	2,316,069	Peak Date	2/17/2016

March 2016

Date	Site Outfall flow Average (gpm)	AWN Unreg/Dil Flows (gpm)	Regulated Flows Average	Unreg/Dil Flows Average
3/1/2016	1,323	346	951	372
3/2/2016	1,183	211	946	237
3/3/2016	1,249	178	1,044	204
3/4/2016	1,314	175	1,113	201
3/5/2016	1,327	310	991	336
3/6/2016	1,198	211	961	237
3/7/2016	1,203	177	1,000	203
3/8/2016	1,354	172	1,156	198
3/9/2016	1,269	312	930	338
3/10/2016	1,308	348	934	374
3/11/2016	1,192	213	953	239
3/12/2016	1,346	172	1,148	198
3/13/2016	1,216	174	1,017	200
3/14/2016	1,318	313	980	339
3/15/2016	1,239	209	1,004	235
3/16/2016	1,218	178	1,014	204
3/17/2016	1,334	311	997	337
3/18/2016	1,378	351	1,001	377
3/19/2016	1,240	213	1,000	239
3/20/2016	1,417	180	1,211	206
3/21/2016	1,217	179	1,012	205
3/22/2016	1,168	175	967	201
3/23/2016	1,481	334	1,121	360
3/24/2016	1,301	255	1,020	281
3/25/2016	1,335	315	993	341
3/26/2016	1,096	205	864	231
3/27/2016	1,230	305	899	331
3/28/2016	1,139	206	907	232
3/29/2016	1,245	162	1,057	188
3/30/2016	1,131	168	937	194
3/31/2016	1,125	167	932	193
	gpm	gpd		
Average	1,264	1,819,651		
Peak	1,481	2,132,320	Peak Date	3/23/2016

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April 2016

Date	Site Outfall flow Average (gpm)	AWN Unreg/Dil Flows (gpm)	Regulated Flows Average	Unreg/Dil Flows Average
4/1/2016	1,253	304	923	330
4/2/2016	1,137	202	909	228
4/3/2016	1,157	305	826	331
4/4/2016	1,058	207	825	233
4/5/2016	1,046	164	856	190
4/6/2016	1,309	310	973	336
4/7/2016	1,172	208	939	234
4/8/2016	1,101	163	912	189
4/9/2016	1,122	171	925	197
4/10/2016	1,323	303	994	329
4/11/2016	1,122	340	756	366
4/12/2016	1,092	198	868	224
4/13/2016	1,010	168	816	194
4/14/2016	1,074	168	880	194
4/15/2016	1,293	163	1,103	189
4/16/2016	1,149	304	819	330
4/17/2016	1,038	201	811	227
4/18/2016	1,100	166	908	192
4/19/2016	1,301	310	965	336
4/20/2016	1,279	347	906	373
4/21/2016	1,022	202	795	228
4/22/2016	984	163	796	189
4/23/2016	1,152	168	959	194
4/24/2016	1,073	168	879	194
4/25/2016	1,229	307	896	333
4/26/2016	1,189	209	954	235
4/27/2016	1,078	174	879	200
4/28/2016	1,225	309	890	335
4/29/2016	1,101	204	871	230
4/30/2016	1,216	304	886	330
	gpm	gpd		
Average	1,147	1,651,423		
Peak	1,323	1,905,094	Peak Date	4/10/2016

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May 2016

Date	Site Outfall flow Average (gpm)	AWN Unreg/Dil Flows (gpm)	Regulated Flows Average	Unreg/Dil Flows Average
5/1/2016	1,125	203	895	229
5/2/2016	1,295	172	1,097	198
5/3/2016	1,102	170	906	196
5/4/2016	1,027	169	832	195
5/5/2016	1,234	307	901	333
5/6/2016	1,152	344	783	370
5/7/2016	1,083	205	851	231
5/8/2016	1,068	168	874	194
5/9/2016	1,155	176	953	202
5/10/2016	1,453	312	1,115	338
5/11/2016	1,055	205	824	231
5/12/2016	1,068	174	868	200
5/13/2016	1,017	168	822	194
5/14/2016	1,187	306	855	332
5/15/2016	1,208	339	843	365
5/16/2016	1,076	208	842	234
5/17/2016	1,102	170	906	196
5/18/2016	1,076	165	884	191
5/19/2016	1,343	168	1,149	194
5/20/2016	1,092	306	761	332
5/21/2016	1,066	210	830	236
5/22/2016	1,088	178	884	204
5/23/2016	1,244	310	907	336
5/24/2016	1,219	348	844	374
5/25/2016	1,076	210	840	236
5/26/2016	1,090	172	891	198
5/27/2016	1,268	176	1,066	202
5/28/2016	1,136	181	928	207
5/29/2016	1,278	320	931	346
5/30/2016	1,175	224	925	250
5/31/2016	1,136	183	927	209
	gpm	gpd		
Average	1,153	1,660,097		
Peak	1,453	2,092,639	Peak Date	5/10/2016

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June 2016

Date	Site Outfall flow Average (gpm)	AWN Unreg/Dil Flows (gpm)	Regulated Flows Average	Unreg/Dil Flows Average
6/1/2016	1,319	319	974	345
6/2/2016	1,375	362	987	388
6/3/2016	1,151	220	905	246
6/4/2016	1,255	178	1,051	204
6/5/2016	1,028	174	828	200
6/6/2016	1,018	174	818	200
6/7/2016	1,169	311	832	337
6/8/2016	1,174	346	802	372
6/9/2016	1,036	212	798	238
6/10/2016	1,052	175	851	201
6/11/2016	1,038	176	836	202
6/12/2016	1,343	314	1,002	340
6/13/2016	1,066	213	827	239
6/14/2016	1,134	181	927	207
6/15/2016	1,086	181	879	207
6/16/2016	1,231	318	888	344
6/17/2016	1,282	351	904	377
6/18/2016	1,049	211	812	237
6/19/2016	1,025	172	827	198
6/20/2016	1,105	171	908	197
6/21/2016	1,157	307	825	333
6/22/2016	1,046	207	813	233
6/23/2016	1,037	174	837	200
6/24/2016	1,045	174	846	200
6/25/2016	1,217	309	882	335
6/26/2016	1,067	340	701	366
6/27/2016	970	205	739	231
6/28/2016	991	174	791	200
6/29/2016	1,259	177	1,056	203
6/30/2016	1,147	308	813	334
	gpm	gpd		
Average	1,129	1,625,856		
Peak	1,375	1,980,567	Peak Date	6/2/2016

ENDORSEMENT GS

GREASE TRAPS, SAND TRAPS AND OIL/WATER SEPARATORS

COMPLIANCE REQUIREMENT: Facilities with grease traps, sand traps or oil/water separators shall periodically inspect the operation of these devices and remove accumulated grease, sand, oil or grit as required to prevent discharge of such pollutants (or materials) to the sanitary sewer.

MONITORING REQUIREMENT: The Permittee shall perform periodic inspections, as required, to assure timely removal of accumulated materials.

REPORTING REQUIREMENT: The Permittee shall document in each semi-annual report the method used to dispose of materials removed from grease traps, sand traps or oil/water separators. This must include a narrative statement, along with copies of the manifest forms for each material removed from the Permittee's facility during the reporting period. If no materials are removed during the reporting period, a statement of that fact must be submitted. Sample statements are provided below.

* * * *

GREASE, SAND, OIL OR GRIT SHIPPING CERTIFICATION STATEMENT – NO SHIPMENTS

I hereby certify that the permitted facility HAS active grease traps, sand traps or oil/water separators and NO shipments of accumulated grease, oil, sand or grit have occurred during this reporting period.

Facility Name: _____
Permit No.: _____ Date: _____
Signature: _____ Title: _____
Authorized Representative

* * * *

GREASE, SAND, OIL OR GRIT SHIPPING CERTIFICATION STATEMENT - SHIPMENTS

I hereby certify that the permitted facility HAS active grease traps, sand traps or oil/water separators and shipments of accumulated grease, oil, sand or grit HAVE occurred during this reporting period. Copies of manifests are attached.

Facility Name: Intel Corporation
Permit No.: 2021A Date: 7/25/14
Signature: [Signature] Title: NM Corporate Services Manager
Authorized Representative

ENDORSEMENT HAPS

HAZARDOUS AIR POLLUTANTS CERTIFICATION

COMPLIANCE REQUIREMENT: The Permittee shall not use the treatment and controls located at the POTW to comply with its NESHAP.

MONITORING REQUIREMENT: None required by the Permittee.

REPORTING REQUIREMENT: The Permittee shall submit the appropriate certification statement shown below with each semi-annual report submittal.

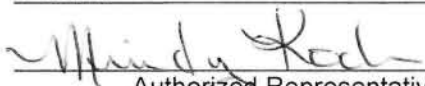
* * * *

NESHAP CERTIFICATION STATEMENT

I hereby certify that this facility does not use the treatment and controls located at the POTW to comply with its NESHAP.

Facility Name: Intel Corporation

Permit No.: 2021A Date: 7/25/16

Signature:  Title: NM Corporate Services Manager

Authorized Representative

ENDORSEMENT HZ3

HAZARDOUS SUBSTANCES AND PRETREATMENT WASTES

FOR PERMIT # 2021A

COMPLIANCE REQUIREMENT: The permittee shall insure that: 1) all pretreatment processes are handled in accordance with applicable Resource Conservation and Recovery Act (RCRA) regulations, 2) no materials removed by a pretreatment process are reintroduced into the wastestream, and, 3) hazardous substances stored on-site are not discharged to the sanitary sewer. In other words, disposal of pretreatment wastes or hazardous substances into the sanitary sewer is strictly forbidden.

MONITORING REQUIREMENTS: None required by the Permittee.

REPORTING REQUIREMENTS: The permittee shall document in each semi-annual report, the method used to dispose of materials removed by the pretreatment process and/or hazardous substances stored on-site. This must include a narrative statement, along with a summary of all hazardous materials generated from the NM site for the reporting period. All original manifests are to be maintained in the permittee's regulatory files and be available to the Water Authority upon request. If no hazardous substances or pretreatment wastes are removed during the reporting period, a statement of that fact must be submitted. Sample statements are provided.

* * * *

HAZARDOUS SUBSTANCES AND PRETREATMENT WASTES CERTIFICATION
STATEMENT

I hereby certify that NO shipments of hazardous substances or pretreatment wastes have occurred during this reporting period. **NOT APPLICABLE**

Facility Name: _____
Permit No.: _____ Date: _____
Signature: _____ Title: _____
Authorized Representative

US EPA ID. No. _____ (IF APPLICABLE)

* * * *

HAZARDOUS SUBSTANCES AND PRETREATMENT WASTES CERTIFICATION
STATEMENT

I hereby certify that shipments of hazardous substances or pretreatment wastes HAVE occurred during this reporting period. A summary of these shipments has been included with this report.

Facility Name: Intel Corporation

Permit No.: 2021A

Date:

7/25/16

Signature:

Mandy Koch
Authorized Representative

Title:

NM Corporate Services
Manager

US EPA ID. No. NMD000609339 (IF APPLICABLE)

**HAZARDOUS SUBSTANCES AND PRETREATMENT
WASTE MANAGEMENT**

Intel Corporation utilizes Veolia Environmental Services Technical Solutions, Evoqua Water Technologies, and Clean Harbors Environmental for removal and disposal of all hazardous substances generated at the New Mexico site.

Veolia Environmental Services Technical Solutions, Evoqua Water Technologies, and Clean Harbors Environmental are EPA permitted Treatment Storage and Disposal Facilities (TSDFs). The addresses of the facilities are below:

Veolia Environmental Services Technical Solutions
9131 East 96th Avenue
Henderson, CO 80640
Phone Number: (303) 289-4827

Evoqua Water Technologies
2430 Rose Place
Roseville, MN 55113
Phone Number: (651) 638-1330

Clean Harbors Environmental
1340 West Lincoln Street
Phoenix, AZ 85007
Phone Number: (602) 258-6155

A summary report of all hazardous materials generated from the New Mexico site for the reporting period is included. All original manifests are maintained in our regulatory files and are available to the Water Authority upon request.

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/ Non-Haz
72775	1/3/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,480	7.24	N
000914063VES	1/4/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,420	20.71	Y
005245776FLE	1/5/2016	DEC CLK-222	Decant Drum CLK-222,corrosive	10	0.005	Y
005245779FLE	1/5/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245780FLE	1/5/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245780FLE	1/5/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
72776	1/5/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,400	6.7	N
005245782FLE	1/8/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245782FLE	1/8/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245782FLE	1/8/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72777	1/8/2016	529928	SLUDGE, CALCIUM FLUORIDE	15,800	7.9	N
005245781FLE	1/11/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
72778	1/11/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,660	6.83	N
000914065VES	1/12/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,100	20.55	Y
005245783FLE	1/13/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245783FLE	1/13/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245783FLE	1/13/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
000640169VES	1/14/2016	228278	SLUDGES, CONCENTRATED COPPER TREATMENT	2,832	1.416	Y
000640169VES	1/14/2016	777637	Hydrochloric Acid, Hydrofluoric Acid	2,661	1.3305	Y
000640169VES	1/14/2016	366527	SULFURIC ACID, LIQUID	563	0.2815	Y
000640169VES	1/14/2016	399825	EDT PARTS	178	0.089	Y
000640169VES	1/14/2016	442913	DEBRIS, ARSENIC	1,226	0.613	Y
000640169VES	1/14/2016	442923	DEBRIS, MERCURY	11	0.0055	Y
000640169VES	1/14/2016	442983	REPEATING LABPACK	16	0.008	Y
000640169VES	1/14/2016	442983	REPEATING LABPACK	101	0.0505	Y
000640169VES	1/14/2016	533335	DEBRIS, SOLVENT-HAZARDOUS	355	0.1775	Y
000640169VES	1/14/2016	686138	DEBRIS, INP FILTER, HAZARDOUS	34	0.017	Y
000640169VES	1/14/2016	692557	CYLINDERS, COMPRESSED GASES	16	0.008	Y
000640169VES	1/14/2016	693403	SOLVENTS, SPIN ON GLASS	236	0.118	Y
000640169VES	1/14/2016	713453	HMDS DEBRIS	85	0.0425	Y
202896	1/14/2016	202100	IPA CONTAMINATED WIPERS	2,689	1.3445	N
202896	1/14/2016	228271	WASTE-MERCURY CONTAINING EQUIPMENT	3	0.0015	N

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202896	1/14/2016	442694	BATTERIES, LEAD ACID - NON SPILLABLE	2,379	1.1895	N
202896	1/14/2016	442912	LAMPS, MERCURY	484	0.242	N
202896	1/14/2016	442912	LAMPS, MERCURY	912	0.456	N
202896	1/14/2016	442983	REPEATING LABPACK	12	0.006	N
202896	1/14/2016	442983	REPEATING LABPACK	3	0.0015	N
202896	1/14/2016	532526	SLUDGE, ION EXCHANGE	398	0.199	N
202896	1/14/2016	532530	USED OIL	384	0.192	N
202896	1/14/2016	532531	DEBRIS, SOLVENT - NON HAZARDOUS	164	0.082	N
202896	1/14/2016	532534	BATTERIES, NI/CD- UNIVERSAL WASTE	36	0.018	N
202896	1/14/2016	532535	BATTERIES, LITHIUM	209	0.1045	N
202896	1/14/2016	592227	FLUOROCARBONS, PERFLUORINATED POLYETHERS	2,062	1.031	N
202896	1/14/2016	713444	MIXED BATTERIES (UNIVERSAL-WASTE BAT)	450	0.225	N
202896	1/14/2016	713446	DEBRIS W/DIESEL FUEL FLASH PT >140F	69	0.0345	N
202896	1/14/2016	713449	DEBRIS, INDIUM PHOSPHIDE	114	0.057	N
72779	1/14/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,080	8.04	N
012542309JJK	1/15/2016	7919597	Slurry Copper Wastewater Resin	1,710	0.855	Y
005245784FLE	1/15/2016	DecanCMPCleanBG	Decant Drum CMP Cleaner BG1	10	0.005	Y
005245784FLE	1/15/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245784FLE	1/15/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245785FLE	1/15/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
72780	1/17/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,060	7.03	N
000914105VES	1/19/2016	448115	SOLVENT, GENERAL FAB 11S	39,000	19.5	Y
72781	1/19/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,600	6.8	N
005245786FLE	1/20/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245786FLE	1/20/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245786FLE	1/20/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
005245787FLE	1/20/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
000914066VES	1/21/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	40,800	20.4	Y
72782	1/22/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,620	8.31	N
72783	1/25/2016	529928	SLUDGE, CALCIUM FLUORIDE	11,060	5.53	N
005245789FLE	1/26/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	22	0.011	Y

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/ Non-Haz
005245790FLE	1/26/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	6	0.003	Y
005245790FLE	1/26/2016	Decant PBR-40	Decant Drum PBR 40	21	0.0105	Y
005245790FLE	1/26/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72784	1/27/2016	529928	SLUDGE, CALCIUM FLUORIDE	12,980	6.49	N
005245791FLE	1/28/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245791FLE	1/28/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
72785	1/29/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,200	6.6	N
72786	1/31/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,160	6.58	N
000914112VES	2/1/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,400	20.7	Y
005245792FLE	2/2/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	22	0.011	Y
005245793FLE	2/2/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
72787	2/2/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,780	6.89	N
005245794FLE	2/4/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245794FLE	2/4/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245794FLE	2/4/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
005245797FLE	2/6/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245797FLE	2/6/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72788	2/6/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,500	8.25	N
005245795FLE	2/8/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
000914067VES	2/9/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,220	20.61	Y
005245798FLE	2/9/2016	Decant PBR-40	Decant Drum PBR 40	21	0.0105	Y
72789	2/9/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,160	7.08	N
012542310JJK	2/10/2016	7919597	Slurry Copper Wastewater Resin	1,823	0.9115	Y
005245799FLE	2/11/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245800FLE	2/11/2016	DecanCMPCleanBG	Decant Drum CMP Cleaner BG1	10	0.005	Y
005245800FLE	2/11/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
72790	2/11/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,380	8.19	N
005245802FLE	2/12/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245802FLE	2/12/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72791	2/14/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,760	6.88	N
000914117VES	2/16/2016	448115	SOLVENT, GENERAL FAB 11S	40,780	20.39	Y

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/ Non-Haz
005245803FLE	2/16/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245804FLE	2/16/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
72792	2/16/2016	529928	SLUDGE, CALCIUM FLUORIDE	11,200	5.6	N
000914068VES	2/18/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	39,260	19.63	Y
005245805FLE	2/18/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245805FLE	2/18/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245805FLE	2/18/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
005245807FLE	2/18/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
72793	2/19/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,200	7.1	N
72794	2/22/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,920	6.96	N
005245808FLE	2/23/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245809FLE	2/23/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245809FLE	2/23/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
012542311JJK	2/24/2016	7919597	Slurry Copper Wastewater Resin	1,709	0.8545	Y
72795	2/24/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,560	7.28	N
005245811FLE	2/25/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245810FLE	2/26/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245810FLE	2/26/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245810FLE	2/26/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
000914069VES	2/28/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,180	20.59	Y
72796	2/28/2016	529928	SLUDGE, CALCIUM FLUORIDE	17,000	8.5	N
005245812FLE	3/1/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245813FLE	3/1/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	22	0.011	Y
005245813FLE	3/1/2016	Decant PBR-40	Decant Drum PBR 40	12	0.006	Y
72797	3/2/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,940	6.97	N
005245814FLE	3/4/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245815FLE	3/4/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245815FLE	3/4/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72798	3/6/2016	529928	SLUDGE, CALCIUM FLUORIDE	17,060	8.53	N
000914070VES	3/8/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	40,740	20.37	Y
72799	3/8/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,000	7	N
005245816FLE	3/9/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/Non-Haz
005245817FLE	3/9/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245817FLE	3/9/2016	Decant MCX-i4C	Decant Drum MCX-i4C	10	0.005	Y
000914118VES	3/10/2016	483253	Ethyl Alcohol, Ethyl Lactate	32,660	16.33	Y
005245818FLE	3/10/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245818FLE	3/10/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245818FLE	3/10/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
72147	3/10/2016	529928	SLUDGE, CALCIUM FLUORIDE	11,560	5.78	N
005245819FLE	3/14/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
72146	3/14/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,320	7.16	N
005245821FLE	3/15/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245821FLE	3/15/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	20	0.01	Y
BL2548668001	3/15/2016	713448	UPS Lead Batteries-Wet non spillable	39,320	19.66	N
BL2290495000	3/16/2016	713448	UPS Lead Batteries-Wet non spillable	40,500	20.25	N
000914071VES	3/17/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,000	20.5	Y
005245823FLE	3/17/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
72135	3/17/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,540	7.27	N
005245824FLE	3/18/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245824FLE	3/18/2016	DEC CLK-222	Decant Drum CLK-222,corrosive	10	0.005	Y
72136	3/18/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,280	6.64	N
BL2551533000	3/21/2016	713448	UPS Lead Batteries-Wet non spillable	39,620	19.81	N
BL2551533001	3/21/2016	713448	UPS Lead Batteries-Wet non spillable	41,200	20.6	N
005245825FLE	3/22/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245826FLE	3/22/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245826FLE	3/22/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245826FLE	3/22/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245826FLE	3/22/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72137	3/22/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,780	6.89	N
012542312JJK	3/23/2016	7919597	Slurry Copper Wastewater Resin	1,770	0.885	Y
005245827FLE	3/25/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245828FLE	3/25/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
72138	3/25/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,580	8.29	N
72139	3/28/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,300	6.65	N

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/Non-Haz
000914072VES	3/29/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,760	20.88	Y
005245829FLE	3/29/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245830FLE	3/29/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245830FLE	3/29/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245831FLE	3/31/2016	DECANTGSOLVE470	Decant Gensolve 470 Corrosive	11	0.0055	Y
005245833FLE	3/31/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245833FLE	3/31/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
72140	3/31/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,280	6.64	N
005245834FLE	4/5/2016	DECANTGSOLVE470	Decant Gensolve 470	11	0.0055	Y
005245835FLE	4/5/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245835FLE	4/5/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	20	0.01	Y
72141	4/6/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,440	6.72	N
005245836FLE	4/7/2016	DECANTGSOLVE470	Decant Gensolve 470	11	0.0055	Y
005245837FLE	4/7/2016	DecanCMPCleanBG	Decant Drum CMP Cleaner BG1	10	0.005	Y
005245837FLE	4/7/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
202899	4/7/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,360	6.68	N
000914073VES	4/7/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,360	20.68	Y
72143	4/9/2016	529928	SLUDGE, CALCIUM FLUORIDE	15,900	7.95	N
005245838FLE	4/11/2016	DECANTGSOLVE470	Decant Gensolve 470	11	0.0055	Y
005245839FLE	4/11/2016	Decant CLK-222	Decant Drum CLK-222,corrosive	10	0.005	Y
005245839FLE	4/11/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
015462016JJK	4/11/2016	693403	SOLVENTS, SPIN ON GLASS	188	0.094	Y
015462016JJK	4/11/2016	533335	DEBRIS, SOLVENT-HAZARDOUS	267	0.1335	Y
015462016JJK	4/11/2016	713453	HMDS DEBRIS	82	0.041	Y
015462016JJK	4/11/2016	692557	CYLINDERS, COMPRESSED GASES	15	0.0075	Y
015462016JJK	4/11/2016	442913	DEBRIS, ARSENIC	1,146	0.573	Y
015462016JJK	4/11/2016	442913	DEBRIS, ARSENIC	164	0.082	Y
015462016JJK	4/11/2016	442923	DEBRIS, MERCURY	6	0.003	Y
015462016JJK	4/11/2016	686138	DEBRIS, INP FILTER, HAZARDOUS	121	0.0605	Y
015462016JJK	4/11/2016	777637	Aqua Regia	3,604	1.802	Y
015462016JJK	4/11/2016	366527	SULFURIC ACID, LIQUID	645	0.3225	Y
015462016JJK	4/11/2016	442917	SOLVENT, PAINT MATERIALS	172	0.086	Y
015462016JJK	4/11/2016	713454	CCW Sludge Filters	116	0.058	Y

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015462016JJK	4/11/2016	442914	ARSENIC CONTAMINATED SLURRY MATERIAL	759	0.3795	Y
015462016JJK	4/11/2016	863702	Acid Cobalt Waste	25	0.0125	Y
015462016JJK	4/11/2016	366524	AEROSOL CANS	73	0.0365	Y
015462016JJK	4/11/2016	442983	REPEATING LABPACK	177	0.0885	Y
015462016JJK	4/11/2016	442983	REPEATING LABPACK	176	0.088	Y
015462016JJK	4/11/2016	399825	EDT PARTS	209	0.1045	Y
015462016JJK	4/11/2016	399773	SOLVENTS, HMDS	73	0.0365	Y
202900	4/12/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,580	6.79	N
005245840FLE	4/13/2016	DECANTGSOLVE470	Decant Gensolve 470	11	0.0055	Y
005245841FLE	4/13/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245841FLE	4/13/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
000914119VES	4/13/2016	483253	Mixed General Solvent Waste	37,860	18.93	Y
202898A	4/14/2016	202100	IPA CONTAMINATED WIPERS	2,019	1.0095	N
202898A	4/14/2016	592227	FLUOROCARBONS, PERFLUORINATED POLYETHERS	1,714	0.857	N
202898A	4/14/2016	532526	SLUDGE, ION EXCHANGE	479	0.2395	N
202898A	4/14/2016	713446	DEBRIS W/DIESEL FUEL FLASH PT >140F	107	0.0535	N
202898A	4/14/2016	532531	DEBRIS, SOLVENT - NON HAZARDOUS	103	0.0515	N
202898A	4/14/2016	532531	DEBRIS, SOLVENT - NON HAZARDOUS	150	0.075	N
202898A	4/14/2016	532530	USED OIL	1,327	0.6635	N
202898A	4/14/2016	442912	LAMPS, MERCURY	251	0.1255	N
202898A	4/14/2016	442912	LAMPS, MERCURY	120	0.06	N
202898A	4/14/2016	442912	LAMPS, MERCURY	179	0.0895	N
202898A	4/14/2016	442912	LAMPS, MERCURY	183	0.0915	N
202898A	4/14/2016	713444	MIXED BATTERIES (UNIVERSAL-WASTE BAT)	434	0.217	N
202898B	4/14/2016	442983	REPEATING LABPACK	113	0.0565	Y
202898B	4/14/2016	442983	REPEATING LABPACK	17	0.0085	Y
202898B	4/14/2016	532647	SOILS, PETROLEUM	3,781	1.8905	Y
202898B	4/14/2016	366538	IWE 830 POLYMER	730	0.365	Y
202898B	4/14/2016	592332	ELECTRONIC EQUIPMENT & COMPUTER MONITORS	2,457	1.2285	Y
202898B	4/14/2016	568799	ACTIVATED CHARCOAL	465	0.2325	Y
202898B	4/14/2016	442983	REPEATING LABPACK	181	0.0905	Y
202898B	4/14/2016	442983	REPEATING LABPACK	234	0.117	Y
202898B	4/14/2016	975888	Calcium Hydroxide Filter Cake	272	0.136	Y

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/Non-Haz
72142	4/15/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,700	8.35	N
000914074VES	4/15/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	42,200	21.1	Y
005245842FLE	4/18/2016	DECANTGSOLVE470	Decant Gensolve 470	22	0.011	Y
005245843FLE	4/18/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
202901	4/18/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,900	6.95	N
012542313JJK	4/20/2016	7919597	Slurry Copper Wastewater Resin	1,656	0.828	Y
005245845FLE	4/21/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245845FLE	4/21/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
72144	4/21/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,620	6.81	N
000914075VES	4/24/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,720	20.86	Y
202902	4/25/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,860	6.93	N
005245844FLE	4/26/2016	DECANTGSOLVE470	Decant Gensolve 470	11	0.0055	Y
005245846FLE	4/26/2016	DECANTGSOLVE470	Decant Gensolve 470	11	0.0055	Y
005245847FLE	4/26/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
005245847FLE	4/26/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245847FLE	4/26/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72145	4/27/2016	529928	SLUDGE, CALCIUM FLUORIDE	10,660	5.33	N
005245849FLE	4/28/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
005245849FLE	4/28/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
005245849FLE	4/28/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
72149	4/30/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,040	8.02	N
202903	5/3/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,600	6.8	N
000914076VES	5/3/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,520	20.76	Y
009527901FLE	5/3/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
005245850FLE	5/3/2016	DecantGsolve470	Decant Gensolve 470	22	0.011	Y
012542314JJK	5/4/2016	7919597	Slurry Copper Wastewater Resin	3,317	1.6585	Y
72150	5/6/2016	529928	SLUDGE, CALCIUM FLUORIDE	12,840	6.42	N
009527902FLE	5/6/2016	DecanCMPCleanBG	Decant Drum CMP Cleaner BG1	10	0.005	Y
009527902FLE	5/6/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
009527902FLE	5/6/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
009527904FLE	5/6/2016	DecantGsolve470	Decant Gensolve 470	11	0.0055	Y

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/Non-Haz
202904	5/9/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,280	6.64	N
009527906FLE	5/11/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
009527906FLE	5/11/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
009527906FLE	5/11/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
009527905FLE	5/11/2016	DecantGsolve470	Decant Gensolve 470	11	0.0055	Y
72151	5/12/2016	529928	SLUDGE, CALCIUM FLUORIDE	15,980	7.99	N
000914153VES	5/12/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	41,040	20.52	Y
202905	5/16/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,420	8.21	N
000914120VES	5/16/2016	483253	Mixed General Solvent Waste	35,520	17.76	Y
009527910FLE	5/17/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
009527910FLE	5/17/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
009527910FLE	5/17/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
009527909FLE	5/17/2016	DecantGsolve470	Decant Gensolve 470	22	0.011	Y
72152	5/18/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,120	8.06	N
72153	5/21/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,480	8.24	N
000914154VES	5/22/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	40,440	20.22	Y
009527912FLE	5/23/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
009527913FLE	5/23/2016	DecantGsolve470	Decant Gensolve 470	22	0.011	Y
202906	5/24/2016	529928	SLUDGE, CALCIUM FLUORIDE	15,400	7.7	N
009527916FLE	5/25/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	20	0.01	Y
72154	5/28/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,560	8.28	N
202907	5/31/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,020	8.01	N
000914155VES	5/31/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	40,180	20.09	Y
009527917FLE	5/31/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
009527917FLE	5/31/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
009527918FLE	5/31/2016	DecantGsolve470	Decant Gensolve 470	22	0.011	Y
012542315JJK	6/1/2016	7919597	Slurry Copper Wastewater Resin	1,720	0.86	Y
009527919FLE	6/1/2016	DecanCMPCleanBG	Decant Drum CMP Cleaner BG1	10	0.005	Y
009527919FLE	6/1/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
009527919FLE	6/1/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
72155	6/3/2016	529928	SLUDGE, CALCIUM FLUORIDE	17,120	8.56	N
009527920FLE	6/3/2016	DecantGsolve470	Decant Gensolve 470	11	0.0055	Y

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/ Non-Haz
202908	6/7/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,780	8.39	N
009527922FLE	6/7/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
009527922FLE	6/7/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
009527922FLE	6/7/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
009527921FLE	6/7/2016	DecantGsolve470	Decant Gensolve 470	11	0.0055	Y
000914156VES	6/9/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	39,960	19.98	Y
72156	6/10/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,460	8.23	N
009527925FLE	6/10/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
009527925FLE	6/10/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
009527925FLE	6/10/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
009527924FLE	6/10/2016	DecantGsolve470	Decant Gensolve 470	22	0.011	Y
202909	6/13/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,080	7.04	N
012542316JJK	6/15/2016	7919597	Slurry Copper Wastewater Resin	1,683	0.8415	Y
72157	6/15/2016	529928	SLUDGE, CALCIUM FLUORIDE	13,700	6.85	N
009527927FLE	6/16/2016	Decant PBR-40	Decant Drum PBR 40	33	0.0165	Y
009527926FLE	6/16/2016	DecantGsolve470	Decant Gensolve 470	11	0.0055	Y
009527929FLE	6/17/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
009527928FLE	6/17/2016	DecantGsolve470	Decant Gensolve 470	11	0.0055	Y
72158	6/18/2016	529928	SLUDGE, CALCIUM FLUORIDE	14,180	7.09	N
000916228VES	6/19/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	40,500	20.25	Y
202910	6/21/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,900	8.45	N
009527931FLE	6/21/2016	Decant MCX-i4C	Decant Drum MCX-i4C	11	0.0055	Y
009527931FLE	6/21/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
009527931FLE	6/21/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
009527932FLE	6/21/2016	DecantGsolve470	Decant Gensolve 470	22	0.011	Y
000914121VES	6/22/2016	483253	Mixed General Solvent Waste	38,840	19.42	Y
009527934FLE	6/24/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
009527934FLE	6/24/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y
009527935FLE	6/24/2016	DecantGsolve470	Decant Gensolve 470	11	0.0055	Y
000916234VES	6/27/2016	692208	SOLVENT, CORROSIVE - FAB 11 (D002)	39,800	19.9	Y
202911	6/28/2016	202100	IPA CONTAMINATED WIPERS	2,002	1.001	N

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/ Non-Haz
202911	6/28/2016	592227	FLUOROCARBONS, PERFLUORINATED POLYETHERS	548	0.274	N
202911	6/28/2016	448116	ETHYLENE GLYCOL SOLUTION-TANKER	12,113	6.0565	N
202911	6/28/2016	448116	ETHYLENE GLYCOL SOLUTION-TANKER	800	0.4	N
202911	6/28/2016	532531	DEBRIS, SOLVENT - NON HAZARDOUS	249	0.1245	N
202911	6/28/2016	532530	USED OIL	2,400	1.2	N
202911	6/28/2016	532530	USED OIL	2,739	1.3695	N
202911	6/28/2016	442912	LAMPS, MERCURY	631	0.3155	N
202911	6/28/2016	442912	LAMPS, MERCURY	791	0.3955	N
202911	6/28/2016	713444	MIXED BATTERIES (UNIVERSAL-WASTE BAT)	470	0.235	N
202911	6/28/2016	442694	BATTERIES, LEAD ACID - NON SPILLABLE	3,341	1.6705	N
202911	6/28/2016	532647	SOILS, PETROLEUM	288	0.144	N
202911	6/28/2016	592332	ELECTRONIC EQUIPMENT & COMPUTER MONITORS	376	0.188	N
202911	6/28/2016	442983	REPEATING LABPACK	96	0.048	N
202911	6/28/2016	693461	Calcium Hydroxide Cleanout	19	0.0095	N
015462022JJK	6/28/2016	693403	SOLVENTS, SPIN ON GLASS	155	0.0775	Y
015462022JJK	6/28/2016	533335	DEBRIS, SOLVENT-HAZARDOUS	241	0.1205	Y
015462022JJK	6/28/2016	713453	HMDS DEBRIS	77	0.0385	Y
015462022JJK	6/28/2016	692557	CYLINDERS, COMPRESSED GASES	35	0.0175	Y
015462022JJK	6/28/2016	442913	DEBRIS, ARSENIC	851	0.4255	Y
015462022JJK	6/28/2016	442923	DEBRIS, MERCURY	31	0.0155	Y
015462022JJK	6/28/2016	686138	DEBRIS, INP FILTER, HAZARDOUS	46	0.023	Y
015462022JJK	6/28/2016	777637	Aqua Regia	3,182	1.591	Y
015462022JJK	6/28/2016	442983	REPEATING LABPACK	23	0.0115	Y
015462022JJK	6/28/2016	442914	ARSENIC CONTAMINATED SLURRY MATERIAL	470	0.235	Y
015462022JJK	6/28/2016	366524	AEROSOL CANS	16	0.008	Y
015462022JJK	6/28/2016	399825	EDT PARTS	114	0.057	Y
015462022JJK	6/28/2016	442983	REPEATING LABPACK	72	0.036	Y
009527938FLE	6/28/2016	Decant KOH 10%	Decant Drum Potassium Hydroxide 10%	12	0.006	Y
009527938FLE	6/28/2016	Decant PBR-40	Decant Drum PBR 40	11	0.0055	Y
009527936FLE	6/28/2016	DecantGsolve470	Decant Gensolve 470	22	0.011	Y
202912	6/29/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,820	8.41	N
72159	6/30/2016	529928	SLUDGE, CALCIUM FLUORIDE	16,320	8.16	N

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Shipping Doc. Number	Ship Date	Profile Number	Waste Name	Quantity (lbs)	Quantity (tons)	Haz/ Non-Haz
009527941FLE	6/30/2016	DecanCMPCleanBG	Decant Drum CMP Cleaner BG1	12	0.006	Y
009527941FLE	6/30/2016	Decant PBR-40	Decant Drum PBR 40	22	0.011	Y
009527941FLE	6/30/2016	Decant PGMEA-PM	Decant Drum PGMEA - PM Acetate	10	0.005	Y

ENDORSEMENT PH3

2021A pH MONITORING

COMPLIANCE REQUIREMENT: The Permittee is required to maintain a system to monitor the pH of the effluent from each acid waste neutralization unit continuously. This monitoring is required for information purposes only. The Permittee is required to maintain a system to monitor the pH of the effluent from the site outfall continuously. Compliance with the pH limit this permit will be determined at the designated sampling point at the site outfall.

MONITORING REQUIREMENT: See above.

REPORTING REQUIREMENT: The Permittee shall notify the Industrial Waste Engineer within 24 hours of becoming aware of a pH excursion at the Site Vault lasting more than 60 minutes including circumstances and corrective action taken.

The Permittee shall include with each semi-annual report, the results of pH monitoring conducted at the permit sample point during the reporting period. Results reported must include:

- 1) Daily maximum and time of occurrence.
- 2) Daily minimum and time of occurrence.
- 3) Duration in minutes of each individual excursion above or below limits set in this permit. Limits are those stated in the Ordinance unless otherwise noted.

As noted in 40 CFR 401.17

- 1) The total time during which the pH values are outside the required range of pH values shall not exceed seven (7) hours and 26 minutes in any calendar month.
- 2) No individual excursion from the range of pH values shall exceed 60 minutes.

CONTINUOUS pH MONITORING REPORT

January – February

Date	Minimum pH	Duration (min)	Maximum pH	Duration (min)	Date	Minimum pH	Duration (min)	Maximum pH	Duration (min)		
1/1/2016	6.22		10.54		2/1/2016	6.10		9.09			
1/2/2016	6.17		8.99		2/2/2016	6.11		8.94			
1/3/2016	6.25		8.85		2/3/2016	6.36		9.22			
1/4/2016	6.08		8.88		2/4/2016	6.06		8.97			
1/5/2016	6.24		9.52		2/5/2016	6.01		9.37			
1/6/2016	6.35		7.99		2/6/2016	5.98		9.64			
1/7/2016	6.27		8.22		2/7/2016	6.39		9.61			
1/8/2016	6.19		8.97		2/8/2016	6.42		9.41			
1/9/2016	6.38		8.60		2/9/2016	6.10		8.32			
1/10/2016	6.38		10.08		2/10/2016	6.17		9.07			
1/11/2016	6.26		8.89		2/11/2016	6.26		8.31			
1/12/2016	6.08		8.45		2/12/2016	6.31		9.44			
1/13/2016	6.19		8.43		2/13/2016	6.03		7.78			
1/14/2016	6.08		8.65		2/14/2016	6.37		8.58			
1/15/2016	6.15		9.43		2/15/2016	6.33		8.62			
1/16/2016	6.30		8.86		2/16/2016	6.19		9.15			
1/17/2016	6.42		8.82		2/17/2016	6.05		8.38			
1/18/2016	6.52		9.54		2/18/2016	6.24		8.92			
1/19/2016	6.19		9.22		2/19/2016	6.25		7.91			
1/20/2016	6.54		9.14		2/20/2016	6.31		9.37			
1/21/2016	6.33		8.51		2/21/2016	6.06		9.14			
1/22/2016	6.40		10.20		2/22/2016	6.43		8.83			
1/23/2016	6.40		10.11		2/23/2016	6.42		8.74			
1/24/2016	6.29		8.42		2/24/2016	6.33		9.12			
1/25/2016	5.82		9.78		2/25/2016	6.18		10.24			
1/26/2016	5.56		9.31		2/26/2016	6.16		9.92			
1/27/2016	5.90		10.42		2/27/2016	6.60		10.44			
1/28/2016	5.95		8.94		2/28/2016	6.64		10.03			
1/29/2016	6.08		10.17		2/29/2016	6.19		8.95			
1/30/2016	6.63		10.65								
1/31/2016	6.15		9.23								
Total Time pH Out of Range:					0	Total Time pH Out of Range:					0

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March – April

Date	Minimum pH	Duration (min)	Maximum pH	Duration (min)	Date	Minimum pH	Duration (min)	Maximum pH	Duration (min)
3/1/2016	6.15		9.30		4/1/2016	6.06		9.98	
3/2/2016	6.29		8.94		4/2/2016	6.26		9.50	
3/3/2016	6.38		10.39		4/3/2016	6.19		9.40	
3/4/2016	5.39		8.45		4/4/2016	6.31		9.88	
3/5/2016	6.35		8.98		4/5/2016	5.88		9.48	
3/6/2016	6.40		10.76		4/6/2016	5.79		10.59	
3/7/2016	6.70		9.06		4/7/2016	5.83		8.99	
3/8/2016	5.89		9.76		4/8/2016	6.17		8.97	
3/9/2016	5.94		9.68		4/9/2016	6.06		10.30	
3/10/2016	6.03		9.68		4/10/2016	5.94		9.36	
3/11/2016	6.24		8.38		4/11/2016	6.08		9.05	
3/12/2016	6.08		7.66		4/12/2016	6.32		9.26	
3/13/2016	6.11		9.54		4/13/2016	6.15		8.06	
3/14/2016	6.18		9.39		4/14/2016	6.05		8.49	
3/15/2016	6.07		8.89		4/15/2016	5.94		7.51	
3/16/2016	6.10		9.03		4/16/2016	6.02		8.80	
3/17/2016	6.16		7.08		4/17/2016	6.18		9.03	
3/18/2016	6.10		9.17		4/18/2016	6.19		8.66	
3/19/2016	6.28		9.24		4/19/2016	6.05		9.01	
3/20/2016	6.11		9.92		4/20/2016	6.06		8.43	
3/21/2016	6.08		8.32		4/21/2016	6.26		9.59	
3/22/2016	6.42		9.23		4/22/2016	6.16		9.62	
3/23/2016	6.04		8.04		4/23/2016	6.09		9.48	
3/24/2016	6.17		10.26		4/24/2016	6.07		8.81	
3/25/2016	6.06		8.90		4/25/2016	6.10		8.93	
3/26/2016	6.01		6.74		4/26/2016	6.20		10.20	
3/27/2016	6.08		7.48		4/27/2016	6.16		9.19	
3/28/2016	6.17		10.26		4/28/2016	5.95		7.80	
3/29/2016	6.08		9.10		4/29/2016	6.07		8.87	
3/30/2016	6.00		8.80		4/30/2016	6.01		8.79	
3/31/2016	6.03		7.87						
Total Time pH Out of Range:				0	Total Time pH Out of Range:				0

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May – June

Date	Minimum pH	Duration (min)	Maximum pH	Duration (min)	Date	Minimum pH	Duration (min)	Maximum pH	Duration (min)
5/1/2016	6.21		8.52		6/1/2016	5.94		8.62	
5/2/2016	6.02		9.33		6/2/2016	5.99		9.44	
5/3/2016	6.23		9.10		6/3/2016	5.96		9.56	
5/4/2016	6.40		9.49		6/4/2016	5.96		9.14	
5/5/2016	6.06		9.50		6/5/2016	6.00		9.41	
5/6/2016	6.13		8.73		6/6/2016	6.02		9.67	
5/7/2016	6.24		9.35		6/7/2016	6.01		9.14	
5/8/2016	6.13		10.35		6/8/2016	5.93		9.42	
5/9/2016	6.13		8.97		6/9/2016	6.14		9.55	
5/10/2016	5.97		10.17		6/10/2016	6.10		10.11	
5/11/2016	6.10		9.98		6/11/2016	6.03		9.56	
5/12/2016	6.23		9.14		6/12/2016	5.99		9.44	
5/13/2016	6.09		8.88		6/13/2016	6.57		9.09	
5/14/2016	5.95		7.77		6/14/2016	6.29		8.78	
5/15/2016	6.01		8.93		6/15/2016	6.58		10.03	
5/16/2016	6.17		9.15		6/16/2016	6.06		9.07	
5/17/2016	6.18		8.60		6/17/2016	6.06		10.33	
5/18/2016	6.05		9.21		6/18/2016	6.27		10.28	
5/19/2016	6.02		9.85		6/19/2016	6.32		9.21	
5/20/2016	6.11		9.74		6/20/2016	6.26		10.15	
5/21/2016	6.24		9.61		6/21/2016	6.16		9.84	
5/22/2016	6.07		9.74		6/22/2016	6.53		9.99	
5/23/2016	5.90		8.64		6/23/2016	6.26		8.99	
5/24/2016	5.92		7.79		6/24/2016	6.22		10.16	
5/25/2016	6.14		8.49		6/25/2016	6.02		8.25	
5/26/2016	5.92		9.74		6/26/2016	6.20		9.55	
5/27/2016	5.89		8.45		6/27/2016	6.52		8.85	
5/28/2016	6.06		9.18		6/28/2016	6.42		9.12	
5/29/2016	5.92		9.20		6/29/2016	6.07		9.37	
5/30/2016	6.06		8.39		6/30/2016	6.10		9.39	
5/31/2016	5.96		8.93						
Total Time pH Out of Range:				0	Total Time pH Out of Range:				0

ENDORSEMENT RC

REPORTING CERTIFICATION

COMPLIANCE REQUIREMENT: The Permittee is required to certify all materials and information submitted with semi-annual reports is accurate and complete.

MONITORING REQUIREMENT: None

REPORTING REQUIREMENT: The Permittee must complete, sign and submit the Reporting Certification (shown below) with each semi-annual report.

* * * * *

REPORTING CERTIFICATION

Facility Name: Intel Corporation

Permit Number: 2021A

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

(Signature)



Authorized Representative

7/25/16

Date

ENDORSEMENT TC3

TOXIC ORGANIC MANAGEMENT PLAN CERTIFICATION STATEMENT

COMPLIANCE REQUIREMENT: The most recent TOXIC ORGANIC (SOLVENT) MANAGEMENT PLAN (TOMP) submitted by the Permittee to the Industrial Waste Engineer remains in effect. The Permittee must notify the Industrial Waste Engineer, in writing, of any changes to the TOMP.

MONITORING REQUIREMENT: None required by the Permittee.

REPORTING REQUIREMENT: The Permittee shall continue to submit a TOXIC ORGANIC MANAGEMENT PLAN CERTIFICATION STATEMENT with each semiannual report. A sample certification statement has been provided below.

* * * *

TOXIC ORGANIC MANAGEMENT PLAN CERTIFICATION STATEMENT

Based upon my inquiry of the person or persons directly responsible for managing compliance with the permit limitations [or pretreatment standard] for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred during this reporting period. I further certify that this facility is implementing the TOXIC ORGANIC MANAGEMENT PLAN (TOMP) submitted to the Industrial Waste Engineer.

Facility Name: Intel Corporation

Permit No.: 2021A

Date: 7/25/16

Signature: 
Authorized Representative

NM Site Corporate Services
Title: Manager

ENDORSEMENT INGA

SPECIAL WASTESTREAM POLLUTANT LIMITATIONS FOR PERMIT 2021A

COMPLIANCE REQUIREMENT: The concentration of the following pollutants in the flow through the sampling point shall not exceed that shown below:

POLLUTANT	MAXIMUM FOR ANY 1 DAY
Indium	0.30 mg/l
Gallium	0.60 ug/l

MONITORING REQUIREMENT: The permittee is required to sample the site discharge for the above pollutants semi-annually. Each semi-annual monitoring event must be performed four day in a row using a 24-hour composite sample. All analysis must be done using EPA approved methods. If the EPA method is not applicable, the permittee must submit production values and calculations in each semi-annual report that show the concentrations of the above pollutants at the site outfall.

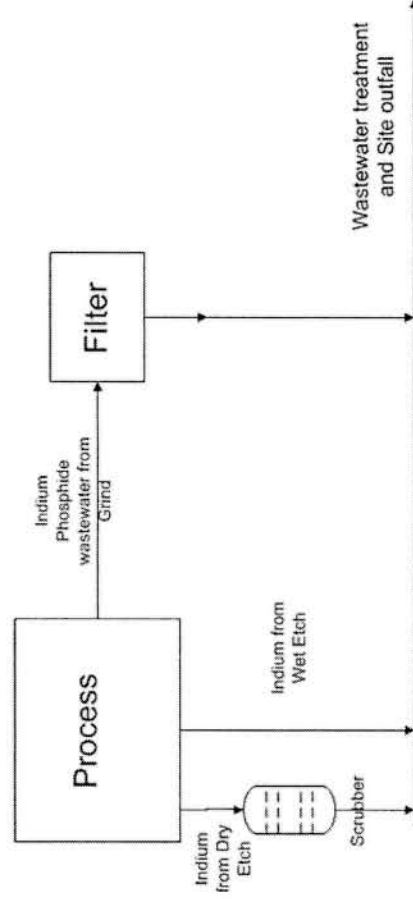
REPORTING REQUIREMENT: Submit production values and calculations in each semi-annual report that show the concentrations of the above pollutants at the site outfall.

Intel Semi-Annual Wastewater Report | H1 2016

Indium Coverage on wafer %	Process types	Current production values - Amount of Indium in wastewater post filtration (grams/day)	Current production values - Amount of Gallium in wastewater (grams/day)	Filter Efficiency	Site outfall flow rate (gpm)
20%	Wafer Grind	112.1	none	35%	1,250
	Wet and Dry Etch	8.76	0.018	NA at this time	

Modeling based on amount of Indium and Gallium removed during the process vs wafer starts due to potential changes in Indium coverage and Filter Efficiency

Total Indium (Outfall)	0.018	mg/L
Total Gallium (Outfall)	0.0027	ug/L



ENDORSEMENT WM

POLLUTION PREVENTION THROUGH SOURCE REDUCTION AND WASTE MINIMIZATION

COMPLIANCE REQUIREMENT: Permittees shall endeavor, whenever feasible, to reduce or eliminate otherwise polluting substances in waste stream(s) by source reduction, waste minimization or more effective pretreatment.

MONITORING REQUIREMENT: None required by the Permittee.

REPORTING REQUIREMENTS: The Permittee shall include a narrative statement with each semi-annual report describing any source reduction, waste minimization or pretreatment efforts undertaken during the reporting period. If no such efforts are undertaken, the Permittee shall include a statement to that effect in the report.

Pollution Prevention through Source Reduction and Waste Minimization Statement

January 2016 – June 2016

Water Use Reduction Projects:

There was a modification to the rinse-up procedure for the installation of new Ultra Filters (UFs) in the UPW system that saves an estimated 2.66 million gallons per year. Two other projects extended the time period between changing the polish and primary cartridge filters from 24 months to 48 months. These saved an estimated 0.36 million gallons per year combined.

Project Description	Current state	Proposed State	Scope	UPW system	Forecasted Water Savings (MGY)
Ultra filter (UF) Replacement	Do initial rinse on the UF rinse skid and then move modules over and do the final rinse on the actual skid until it rinses to quality. The UPW UF reclaim skid is switched to URW for the week that it is rinsing on the actual skid.	Rinse the UF modules entirely on the rinse skid until they meet final quality. No need to switch the UPW UF reclaim rinse skid to URW.	Procedural change	Polish	2.66
CF Replacement	UPW Polish Cartridge Filters replaced every 24 months.	UPW Polish Cartridge Filters Replaced every 48 months.	Whitepaper change. Inst all particle counters on the effluent of the CFs.	Polish	0.26
CF Replacement	UPW Primary Cartridge Filters replaced every 24 months with new filters.	UPW Primary Cartridge Filters replaced every 48 months with used filters from the Polish system.	Whitepaper change. Inst all particle counters on the effluent of the CFs.	Primary	0.10

NM Site Recycling Rate:

The Intel NM site had a chemical waste recycling rate of 97.9% for H1 2016

Attachment(s):

Semi-Annual Reports:

Test America Laboratories, Inc. Analytical Report, Job ID: 280-82572-1 Semi Annual Waste Water.

Monthly Authority Split Sampling Reports:

Test America Laboratories, Inc. Analytical Report, Job ID: 280-78663-1 Monthly WUA Split Sampling.

Test America Laboratories, Inc. Analytical Report, Job ID: 280-78779-1 Monthly WUA Split Sampling.

Test America Laboratories, Inc. Analytical Report, Job ID: 280-79570-1 Monthly WUA Split Sampling.

Intel NM grease trap pumping manifests (1 per month) – H1 2016

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-82572-1
Client Project/Site: Semi Annual Waste Water - New Mexico

For:
Intel Corporation
4100 Sara Road
Mail Stop RR5-491
Rio Rancho, New Mexico 87124

Attn: Jeff Rudnik



Authorized for release by:
5/20/2016 2:21:42 PM
Stephanie Kupper, Project Manager I
(303)736-0182
stephanie.kupper@testamericainc.com

Designee for
DiLea Bindel, Project Manager I
(303)736-0173
dilea.bindel@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Job ID: 280-82572-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE
Client: Intel Corporation
Project: Semi Annual Waste Water - New Mexico
Report Number: 280-82572-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/29/2016 at 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0° C.

The 8270C 1-Methyl-2-pyrrolidione (NMP) analysis was performed by TestAmerica Canton located at 4101 Shuffel Street NW, North Canton, OH 44720.

The 6010B Total Gallium analysis was performed by TestAmerica Phoenix located at 4625 East Cotton Center Boulevard, Suite 189, Phoenix, AZ 85040.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS) - METHOD 8270C

Phenol-d5 (Surr) failed the surrogate recovery criteria low for SV-05 (280-82572-5). Refer to the QC report for details.

Sample SV-05 (280-82572-5)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 240-228960. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GLYCOLS - METHOD 8015C

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

METALS (ICP) - METHOD 6010B

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Client Sample ID: SV-01

Lab Sample ID: 280-82572-1

No Detections.

Client Sample ID: SV-02

Lab Sample ID: 280-82572-2

No Detections.

Client Sample ID: SV-03

Lab Sample ID: 280-82572-3

No Detections.

Client Sample ID: SV-04

Lab Sample ID: 280-82572-4

No Detections.

Client Sample ID: SV-05

Lab Sample ID: 280-82572-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methyl-2-pyrrolidinone	460		190		ug/L	20		8270C	Total/NA

Client Sample ID: SV-06

Lab Sample ID: 280-82572-6

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Method Summary

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
8015C	Glycols- Direct Injection (GC/FID)	SW846	TAL DEN
6010B	Metals (ICP)	SW846	TAL PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340



Sample Summary

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-82572-1	SV-01	Water	04/25/16 09:00	04/29/16 09:30
280-82572-2	SV-02	Water	04/26/16 09:00	04/29/16 09:30
280-82572-3	SV-03	Water	04/27/16 09:00	04/29/16 09:30
280-82572-4	SV-04	Water	04/28/16 09:00	04/29/16 09:30
280-82572-5	SV-05	Water	04/28/16 09:00	04/29/16 09:30
280-82572-6	SV-06	Water	04/28/16 09:00	04/29/16 09:30

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Client Sample Results

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SV-05
Date Collected: 04/28/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methyl-2-pyrrolidinone	460		190		ug/L		05/05/16 08:49	05/06/16 13:54	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	59		29 - 110				05/05/16 08:49	05/06/16 13:54	20
2-Fluorophenol (Surr)	25		15 - 110				05/05/16 08:49	05/06/16 13:54	20
2,4,6-Tribromophenol (Surr)	39		21 - 128				05/05/16 08:49	05/06/16 13:54	20
Nitrobenzene-d5 (Surr)	49		31 - 110				05/05/16 08:49	05/06/16 13:54	20
Phenol-d5 (Surr)	0	X	10 - 110				05/05/16 08:49	05/06/16 13:54	20
Terphenyl-d14 (Surr)	44		31 - 115				05/05/16 08:49	05/06/16 13:54	20

Method: 8015C - Glycols- Direct Injection (GC/FID)

Client Sample ID: SV-06
Date Collected: 04/28/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		10		mg/L			05/04/16 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Butanediol	89		77 - 134					05/04/16 13:30	1

Method: 6010B - Metals (ICP)

Client Sample ID: SV-01
Date Collected: 04/25/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gallium	ND		0.10		mg/L		05/06/16 06:54	05/18/16 17:12	1

Client Sample ID: SV-02
Date Collected: 04/26/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gallium	ND		0.10		mg/L		05/06/16 06:54	05/18/16 17:14	1

Client Sample ID: SV-03
Date Collected: 04/27/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gallium	ND		0.10		mg/L		05/06/16 06:54	05/18/16 17:17	1

Client Sample ID: SV-04
Date Collected: 04/28/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gallium	ND		0.10		mg/L		05/06/16 06:54	05/18/16 17:19	1

TestAmerica Denver

QC Sample Results

Client: Intel Corporation
 Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-228960/18-A
Matrix: Water
Analysis Batch: 229143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 228960

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methyl-2-pyrrolidinone	ND		10		ug/L		05/05/16 08:49	05/06/16 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		29 - 110	05/05/16 08:49	05/06/16 11:53	1
2-Fluorophenol (Surr)	56		15 - 110	05/05/16 08:49	05/06/16 11:53	1
2,4,6-Tribromophenol (Surr)	80		21 - 128	05/05/16 08:49	05/06/16 11:53	1
Nitrobenzene-d5 (Surr)	66		31 - 110	05/05/16 08:49	05/06/16 11:53	1
Phenol-d5 (Surr)	36		10 - 110	05/05/16 08:49	05/06/16 11:53	1
Terphenyl-d14 (Surr)	84		31 - 115	05/05/16 08:49	05/06/16 11:53	1

Lab Sample ID: LCS 240-228960/19-A
Matrix: Water
Analysis Batch: 229143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 228960

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2-Chloronaphthalene	20.0	16.1		ug/L		80	47 - 120
2-Chlorophenol	20.0	15.4		ug/L		77	43 - 120
2,4-Dichlorophenol	20.0	16.2		ug/L		81	46 - 120
2,4-Dimethylphenol	20.0	13.8		ug/L		69	38 - 120
2,4-Dinitrophenol	40.0	18.3		ug/L		46	10 - 120
2,4-Dinitrotoluene	20.0	15.5		ug/L		77	52 - 120
2-Nitrophenol	20.0	17.4		ug/L		87	42 - 120
1,2,4-Trichlorobenzene	20.0	14.7		ug/L		73	49 - 110
2,4,6-Trichlorophenol	20.0	15.8		ug/L		79	43 - 120
2,6-Dinitrotoluene	20.0	16.7		ug/L		84	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	81		29 - 110
2-Fluorophenol (Surr)	61		15 - 110
2,4,6-Tribromophenol (Surr)	85		21 - 128
Nitrobenzene-d5 (Surr)	67		31 - 110
Phenol-d5 (Surr)	44		10 - 110
Terphenyl-d14 (Surr)	95		31 - 115

Method: 8015C - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 280-323834/18
Matrix: Water
Analysis Batch: 323834

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		10		mg/L			05/04/16 12:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Butanediol	96		77 - 134		05/04/16 12:12	1

TestAmerica Denver

QC Sample Results

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Method: 8015C - Glycols- Direct Injection (GC/FID) (Continued)

Lab Sample ID: LCS 280-323834/21
Matrix: Water
Analysis Batch: 323834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene glycol	50.0	41.5		mg/L		83	75 - 120
Surrogate		LCS %Recovery	LCS Qualifier				Limits
1,4-Butanediol		98					77 - 134

Lab Sample ID: LCSD 280-323834/24
Matrix: Water
Analysis Batch: 323834

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene glycol	50.0	48.0		mg/L		96	75 - 120	14	20
Surrogate		LCSD %Recovery	LCSD Qualifier				Limits		
1,4-Butanediol		97					77 - 134		

Lab Sample ID: 280-82572-6 MS
Matrix: Water
Analysis Batch: 323834

Client Sample ID: SV-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene glycol	ND		50.0	56.5		mg/L		108	75 - 120
Surrogate		MS %Recovery							Limits
1,4-Butanediol		94							77 - 134

Lab Sample ID: 280-82572-6 MSD
Matrix: Water
Analysis Batch: 323834

Client Sample ID: SV-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene glycol	ND		50.0	57.9		mg/L		111	75 - 120	3	20
Surrogate		MSD %Recovery							Limits		
1,4-Butanediol		93							77 - 134		

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 550-89017/1-A
Matrix: Water
Analysis Batch: 89868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gallium	ND		0.10		mg/L		05/06/16 06:54	05/18/16 16:58	1

TestAmerica Denver

QC Sample Results

Client: Intel Corporation
 Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 550-89017/2-A
Matrix: Water
Analysis Batch: 89868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gallium	1.00	0.977		mg/L		98	90 - 110

Lab Sample ID: LCSD 550-89017/3-A
Matrix: Water
Analysis Batch: 89868

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89017

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gallium	1.00	0.971		mg/L		97	90 - 110	1	20

Lab Sample ID: 280-82572-1 MS
Matrix: Water
Analysis Batch: 89868

Client Sample ID: SV-01
Prep Type: Total/NA
Prep Batch: 89017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gallium	ND		1.00	1.07		mg/L		107	75 - 125

Lab Sample ID: 280-82572-1 MSD
Matrix: Water
Analysis Batch: 89868

Client Sample ID: SV-01
Prep Type: Total/NA
Prep Batch: 89017

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gallium	ND		1.00	1.02		mg/L		102	75 - 125	5	20

QC Association Summary

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

GC/MS Semi VOA

Prep Batch: 228960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-82572-5	SV-05	Total/NA	Water	3510C	
LCS 240-228960/19-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-228960/18-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 229143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-82572-5	SV-05	Total/NA	Water	8270C	228960
LCS 240-228960/19-A	Lab Control Sample	Total/NA	Water	8270C	228960
MB 240-228960/18-A	Method Blank	Total/NA	Water	8270C	228960

GC VOA

Analysis Batch: 323834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-82572-6	SV-06	Total/NA	Water	8015C	
280-82572-6 MS	SV-06	Total/NA	Water	8015C	
280-82572-6 MSD	SV-06	Total/NA	Water	8015C	
LCS 280-323834/21	Lab Control Sample	Total/NA	Water	8015C	
LCSD 280-323834/24	Lab Control Sample Dup	Total/NA	Water	8015C	
MB 280-323834/18	Method Blank	Total/NA	Water	8015C	

Metals

Prep Batch: 89017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-82572-1	SV-01	Total/NA	Water	3005A	
280-82572-1 MS	SV-01	Total/NA	Water	3005A	
280-82572-1 MSD	SV-01	Total/NA	Water	3005A	
280-82572-2	SV-02	Total/NA	Water	3005A	
280-82572-3	SV-03	Total/NA	Water	3005A	
280-82572-4	SV-04	Total/NA	Water	3005A	
LCS 550-89017/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-89017/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
MB 550-89017/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 89868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-82572-1	SV-01	Total/NA	Water	6010B	89017
280-82572-1 MS	SV-01	Total/NA	Water	6010B	89017
280-82572-1 MSD	SV-01	Total/NA	Water	6010B	89017
280-82572-2	SV-02	Total/NA	Water	6010B	89017
280-82572-3	SV-03	Total/NA	Water	6010B	89017
280-82572-4	SV-04	Total/NA	Water	6010B	89017
LCS 550-89017/2-A	Lab Control Sample	Total/NA	Water	6010B	89017
LCSD 550-89017/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	89017
MB 550-89017/1-A	Method Blank	Total/NA	Water	6010B	89017

TestAmerica Denver

Lab Chronicle

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Client Sample ID: SV-01
Date Collected: 04/25/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			50 mL	50 mL	89017	05/06/16 06:54	SGO	TAL PHX
Total/NA	Analysis	6010B		1	50 mL	50 mL	89868	05/18/16 17:12	CJD	TAL PHX

Client Sample ID: SV-02
Date Collected: 04/26/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			50 mL	50 mL	89017	05/06/16 06:54	SGO	TAL PHX
Total/NA	Analysis	6010B		1	50 mL	50 mL	89868	05/18/16 17:14	CJD	TAL PHX

Client Sample ID: SV-03
Date Collected: 04/27/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			50 mL	50 mL	89017	05/06/16 06:54	SGO	TAL PHX
Total/NA	Analysis	6010B		1	50 mL	50 mL	89868	05/18/16 17:17	CJD	TAL PHX

Client Sample ID: SV-04
Date Collected: 04/28/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			50 mL	50 mL	89017	05/06/16 06:54	SGO	TAL PHX
Total/NA	Analysis	6010B		1	50 mL	50 mL	89868	05/18/16 17:19	CJD	TAL PHX

Client Sample ID: SV-05
Date Collected: 04/28/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1050 mL	2 mL	228960	05/05/16 08:49	EMB	TAL CAN
Total/NA	Analysis	8270C		20	1050 mL	2 mL	229143	05/06/16 13:54	JMG	TAL CAN

Client Sample ID: SV-06
Date Collected: 04/28/16 09:00
Date Received: 04/29/16 09:30

Lab Sample ID: 280-82572-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015C		1	1 mL	1 mL	323834	05/04/16 13:30	AMP	TAL DEN

TestAmerica Denver

Lab Chronicle

Client: Intel Corporation
Project/Site: Semi Annual Waste Water - New Mexico

TestAmerica Job ID: 280-82572-1

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

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Login Sample Receipt Checklist

Client: Intel Corporation

Job Number: 280-82572-1

Login Number: 82572
List Number: 1
Creator: Pottruff, Reed W

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Intel Corporation

Job Number: 280-82572-1

Login Number: 82572
List Number: 3
Creator: Gravlin, Andrea

List Source: TestAmerica Phoenix
List Creation: 05/05/16 10:11 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Chain of Custody Record

Client Information Intel Corporation 4100 Sara Road Mail Stop RR5-491 Rio Rancho, NM 87124 Phone: 505-363-6943 (Tel) Email: jeffrey.rudnik@intel.com Project Name: Semi Annual Waste Water Site: <i>New Mexico</i>		Lab PM: Bindel, Dillea E-Mail: dillea.bindel@testamericainc.com Carrier Tracking No(s): Lab No: 280-23927-10503.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): PO #: WO #: Project #: SSOW#:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)	
Sample Identification SV-01 SV-02 SV-03 SV-04 SV-05 (1 ea.) SV-06 (3 Hom)		Special Instructions/Note: 6010B: Gallium (sub to PHX)	
Sample Date 4/25/16 0900 4/26/16 0900 4/27/16 0900 4/28/16 0900 4/28/16 0900 4/28/16 0900		Total Number of Containers:	
Sample Time C W C W C W C W C W C W		Matrix (Water, Special, Organics)	
Sample Type (C=comp, G=grab) C W C W C W C W C W C W		Preservation Code BFI-Tissue, A=Air	
Field Filtered Sample (Yes/No) Perform MS/MSD (Yes/No)		8015C_DAI - Ethylene Glycol 8270C - 1-Methyl-2-pyrrolidone (NMP) (Sub - Canton) 6010B - Gallium (Sub to PHX)	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Relinquished by: <i>K. Ueban</i> Relinquished by: Relinquished by:		Method of Shipment: Date/Time: 4-29-16 0930 Date/Time: Date/Time:	
Relinquished by:		Received by: <i>Read KUTHA</i> Received by:	
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Custody Seals Intact: Δ Yes Δ No		Coolant Temperature(s) °C and Other Remarks: 1:2 DATA 2:2 Transferred by <i>RP</i> 4-29-16	

TestAmerica Denver
 4955 Yarrow Street
 Arvada, CO 80002
 Phone (303) 736-0100 Fax (303) 431-1171

D. G. Co. /

Chain of Custody Record



TestAmerica
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Client Information (Sub Contract Lab)		Lab PM: Bindel, DiLea R		Carrier Tracking No(s): 280-349361.1	
Client Contact: Shipping/Receiving Company: TestAmerica Laboratories, Inc.		Phone: E-Mail: dilea.bindel@testamericainc.com		Page: Page 1 of 1	
Address: 4101 Shuffel Street NW, City: North Canton State, Zip: OH, 44720 Phone: 330-497-9396(Tel) 330-497-0772(Fax) Email:		Due Date Requested: 5/11/2016 TAT Requested (days):		Job #: 280-82572-1	
Project Name: Semi Annual Waste Water Site:		PO #: WO #: Project #: 28003759 SSOW#:		Analysis Requested	
Sample Identification - Client ID (Lab ID) SV-05 (280-82572-5)		Sample Date 4/28/16		8270C/3510C_Acid 1-Methyl-2-Pyrrolidone (NMP)	
Sample Time 09:00 Mountain		Sample Type (C=comp, G=grab)		Field Filtered Sample (Yes or No)	
Matrix (W=water, S=solid, O=wasteoil, B=Tissue, A=Air)		Preservation Code Water		Total Number of containers	
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, IV, Other (specify)		Date: 5/3/16 1520		X	
Empty Kit Relinquished by:		Date:		X	
Relinquished by: <i>[Signature]</i>		Date/Time: 5/3/16 1520		X	
Relinquished by:		Date/Time:		X	
Relinquished by:		Date/Time:		X	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		X	

- Preservation Codes:
- A - HCL
 - B - NaOH
 - C - Zn Acetate
 - D - Nitric Acid
 - E - NaHSO4
 - F - MeOH
 - G - Amchlor
 - H - Ascorbic Acid
 - I - Ice
 - J - DI Water
 - K - EDTA
 - L - EDA
 - Other:
- M - Hexane
 N - None
 O - AsNaO2
 P - Na2O4S
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecahydrate
 U - Acetone
 V - MCAA
 W - ph 4-5
 Z - other (specify)

C.70
 Special Instructions/Note:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements:
 Received by: *[Signature]* Date/Time: 5/4/16 1050 Company: *[Signature]*
 Received by: _____ Date/Time: _____ Company: _____
 Received by: _____ Date/Time: _____ Company: _____

Cooler Temperature(s) °C and Other Remarks:



TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : _____

Client TA Denver

Site Name _____

Cooler unpacked by:

Cooler Received on 5/4/16

Opened on 5/4/16

[Signature]

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt See Multiple Cooler Form
 IR GUN# 48 (CF -1.9 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
 IR GUN# 36 (CF -1.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
 IR GUN# 18 (CF -0.5 °C) Observed Cooler Temp. 0.6 °C Corrected Cooler Temp. 0.1 °C
 2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
 3. Shippers' packing slip attached to the cooler(s)? Yes No
 4. Did custody papers accompany the sample(s)? Yes No
 5. Were the custody papers relinquished & signed in the appropriate place? Yes No
 6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
 7. Did all bottles arrive in good condition (Unbroken)? Yes No
 8. Could all bottle labels be reconciled with the COC? Yes No
 9. Were correct bottle(s) used for the test(s) indicated? Yes No
 10. Sufficient quantity received to perform indicated analyses? Yes No
 11. Are these work share samples? Yes No
- If yes, Questions 12-16 have been checked at the originating laboratory.*

12. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC559158
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
16. Was a LL Hg or Me Hg trip blank present? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____
 Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Denver
 4955 Yarrow Street
 Arvada, CO 80002
 Phone (303) 736-0100 Fax (303) 431-7171

Chain of Custody Record



TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)
 Client Contact: _____ Phone: _____
 Shipping/Receiving _____ E-Mail: dilea.bindel@testamericainc.com
 Company: TestAmerica Laboratories, Inc. Lab P/N: Bindel, Dilea R
 Carrier Tracking No(s): _____

Address: 4625 East Cotton Cir Blvd, Suite 189, Phoenix AZ, 85040
 City: Phoenix
 State/Zip: AZ, 85040
 Phone: 602-437-3340(Tel) 602-454-9303(Fax)
 Email: _____
 Project Name: Semi Annual Waste Water
 Site: _____

Due Date Requested: 5/9/2016
 TAT Requested (days): _____
 PO #: _____
 WO #: _____
 Project #: 28003759
 SSO#: _____

Analysis Requested: 6010B/3005A_TOT Gallium (TA PHX)
 Perform MS/MSD (Yes or No) _____
 Field Filtered Sample (Yes or No) _____

COC No.: 280-349360.1
 Page: Page 1 of 1
 Job #: 280-82572-1

Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Amchlor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDA
 M - Hexane
 N - None
 O - AsNaO2
 P - Na2OAS
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecahydrate
 U - Acetone
 V - MCAA
 W - pH 4.5
 Z - other (specify) _____

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Seawater, Overstabil, BT-Tissue, AHA)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
SV-01 (280-82572-1)	4/25/16	09:00	Water	Water	X	6010B/3005A_TOT Gallium (TA PHX)	1	
SV-02 (280-82572-2)	4/26/16	09:00	Mountain	Water	X		1	
SV-03 (280-82572-3)	4/27/16	09:00	Mountain	Water	X		1	
SV-04 (280-82572-4)	4/28/16	09:00	Mountain	Water	X		1	
Possible Hazard Identification Unconfirmed _____ Deliverable Requested: I, II, III, IV, Other (specify) _____ Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____ Relinquished by: <i>GAO</i> Date/Time: <i>5-8-16 15:20</i> Company: _____ Received by: _____ Date/Time: _____ Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: <i>5/5/16 9:50</i> Company: <i>AV</i> Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: <i>2.2 °C on Ice</i>								

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Denver

4955 Yarrow Street

Arvada, CO 80002

Tel: (303)736-0100

TestAmerica Job ID: 280-78663-1

Client Project/Site: Monthly WUA Split Sampling

Revision: 1

For:

Intel Corporation

4100 Sara Road

Mail Stop RR5-491

Rio Rancho, New Mexico 87124

Attn: Jeff Rudnik



Authorized for release by:

1/27/2016 3:09:29 PM

DiLea Bindel, Project Manager I

(303)736-0173

dilea.bindel@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Job ID: 280-78663-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE
Client: Intel Corporation
Project: Monthly WUA Split Sampling
Report Number: 280-78663-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISION 1

Per client request, sample SITE OUTFALL SAMPLE - 2 (280-78663-2) was reanalyzed, as the original result was outside the historical range. The reanalysis was performed outside of the method holding time and has been flagged "H". No other changes were made.

RECEIPT

The samples were received on 01/08/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.4° C.

GENERAL CHEMISTRY

Due to high analyte concentrations, sample SITE OUTFALL SAMPLE - 7 (280-78663-7) required a 2X dilution prior to analysis for TKN. The reporting limits have been adjusted accordingly.

The MSD aliquot of the matrix spike / matrix spike duplicate (MS/MSD) samples performed on SITE OUTFALL SAMPLE - 5 (280-78663-5) exhibited recoveries outside control limits for Chemical Oxygen Demand due to matrix interference. In addition, the MS/MSD RPD values were exceeded. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Client Sample ID: SITE OUTFALL SAMPLE - 1

Lab Sample ID: 280-78663-1

No Detections.

Client Sample ID: SITE OUTFALL SAMPLE - 2

Lab Sample ID: 280-78663-2

No Detections.

Client Sample ID: SITE OUTFALL SAMPLE - 3

Lab Sample ID: 280-78663-3

No Detections.

Client Sample ID: SITE OUTFALL SAMPLE - 4

Lab Sample ID: 280-78663-4

No Detections.

Client Sample ID: SITE OUTFALL SAMPLE - 5

Lab Sample ID: 280-78663-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chemical Oxygen Demand	87	F1 F2	20		mg/L	1		410.4	Total/NA

Client Sample ID: SITE OUTFALL SAMPLE - 6

Lab Sample ID: 280-78663-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	8.8		4.0		mg/L	1		SM 2540D	Total/NA

Client Sample ID: SITE OUTFALL SAMPLE - 7

Lab Sample ID: 280-78663-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrogen, Kjeldahl	15		2.0		mg/L	2		351.2	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Method Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Method	Method Description	Protocol	Laboratory
351.2	Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)	MCAWW	TAL DEN
410.4	COD	MCAWW	TAL DEN
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL DEN
SM 4500 CN E	Cyanide, Total	SM	TAL DEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



Sample Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-78663-1	SITE OUTFALL SAMPLE - 1	Water	01/06/16 10:30	01/08/16 09:50
280-78663-2	SITE OUTFALL SAMPLE - 2	Water	01/06/16 14:30	01/08/16 09:50
280-78663-3	SITE OUTFALL SAMPLE - 3	Water	01/06/16 18:30	01/08/16 09:50
280-78663-4	SITE OUTFALL SAMPLE - 4	Water	01/06/16 22:30	01/08/16 09:50
280-78663-5	SITE OUTFALL SAMPLE - 5	Water	01/07/16 10:30	01/08/16 09:50
280-78663-6	SITE OUTFALL SAMPLE - 6	Water	01/07/16 10:30	01/08/16 09:50
280-78663-7	SITE OUTFALL SAMPLE - 7	Water	01/07/16 10:30	01/08/16 09:50

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Intel Corporation
 Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

General Chemistry

Client Sample ID: SITE OUTFALL SAMPLE - 1

Date Collected: 01/06/16 10:30

Date Received: 01/08/16 09:50

Lab Sample ID: 280-78663-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/13/16 07:36	01/13/16 12:26	1

Client Sample ID: SITE OUTFALL SAMPLE - 2

Date Collected: 01/06/16 14:30

Date Received: 01/08/16 09:50

Lab Sample ID: 280-78663-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND	H	0.010		mg/L		01/26/16 07:28	01/26/16 12:23	1

Client Sample ID: SITE OUTFALL SAMPLE - 3

Date Collected: 01/06/16 18:30

Date Received: 01/08/16 09:50

Lab Sample ID: 280-78663-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/14/16 07:36	01/15/16 12:23	1

Client Sample ID: SITE OUTFALL SAMPLE - 4

Date Collected: 01/06/16 22:30

Date Received: 01/08/16 09:50

Lab Sample ID: 280-78663-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/14/16 07:36	01/15/16 12:24	1

Client Sample ID: SITE OUTFALL SAMPLE - 5

Date Collected: 01/07/16 10:30

Date Received: 01/08/16 09:50

Lab Sample ID: 280-78663-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	87	F1 F2	20		mg/L			01/14/16 10:32	1

Client Sample ID: SITE OUTFALL SAMPLE - 6

Date Collected: 01/07/16 10:30

Date Received: 01/08/16 09:50

Lab Sample ID: 280-78663-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	8.8		4.0		mg/L			01/14/16 14:51	1

Client Sample ID: SITE OUTFALL SAMPLE - 7

Date Collected: 01/07/16 10:30

Date Received: 01/08/16 09:50

Lab Sample ID: 280-78663-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	15		2.0		mg/L		01/14/16 20:54	01/20/16 20:16	2

QC Sample Results

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)

Lab Sample ID: MB 280-310598/3-A
Matrix: Water
Analysis Batch: 310764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 310598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		1.0		mg/L		01/14/16 20:54	01/15/16 20:38	1

Lab Sample ID: LCS 280-310598/1-A
Matrix: Water
Analysis Batch: 310764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310598

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Kjeldahl	6.00	6.14		mg/L		102	90 - 110

Lab Sample ID: LCSD 280-310598/2-A
Matrix: Water
Analysis Batch: 310764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 310598

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Nitrogen, Kjeldahl	6.00	6.03		mg/L		101	90 - 110	2	25

Method: 410.4 - COD

Lab Sample ID: MB 280-310542/5
Matrix: Water
Analysis Batch: 310542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		20		mg/L			01/14/16 10:32	1

Lab Sample ID: LCS 280-310542/3
Matrix: Water
Analysis Batch: 310542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	100	95.5		mg/L		95	90 - 110

Lab Sample ID: LCSD 280-310542/4
Matrix: Water
Analysis Batch: 310542

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chemical Oxygen Demand	100	98.7		mg/L		99	90 - 110	3	11

Lab Sample ID: 280-78663-5 MS
Matrix: Water
Analysis Batch: 310542

Client Sample ID: SITE OUTFALL SAMPLE - 5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	87	F1 F2	50.0	132		mg/L		91	90 - 110

TestAmerica Denver

QC Sample Results

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Method: 410.4 - COD (Continued)

Lab Sample ID: 280-78663-5 MSD
Matrix: Water
Analysis Batch: 310542

Client Sample ID: SITE OUTFALL SAMPLE - 5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chemical Oxygen Demand	87	F1 F2	50.0	179	F1 F2	mg/L		185	90 - 110	30	11

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 280-310576/3
Matrix: Water
Analysis Batch: 310576

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0		mg/L			01/14/16 14:51	1

Lab Sample ID: LCS 280-310576/1
Matrix: Water
Analysis Batch: 310576

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	100	89.2		mg/L		89	86 - 114

Lab Sample ID: LCSD 280-310576/2
Matrix: Water
Analysis Batch: 310576

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Suspended Solids	100	88.8		mg/L		89	86 - 114	0	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 280-310337/4-A
Matrix: Water
Analysis Batch: 310422

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 310337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/13/16 07:36	01/13/16 12:02	1

Lab Sample ID: HLCS 280-310337/1-A
Matrix: Water
Analysis Batch: 310422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310337

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.408		mg/L		102	90 - 110

Lab Sample ID: LCS 280-310337/3-A
Matrix: Water
Analysis Batch: 310422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0993	0.0957		mg/L		96	90 - 110

TestAmerica Denver

QC Sample Results

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Method: SM 4500 CN E - Cyanide, Total (Continued)

Lab Sample ID: LLCS 280-310337/2-A
Matrix: Water
Analysis Batch: 310422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310337

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.100	0.106		mg/L		106	44 - 167

Lab Sample ID: MB 280-310486/4-A
Matrix: Water
Analysis Batch: 310700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 310486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/14/16 07:36	01/15/16 11:33	1

Lab Sample ID: HLCS 280-310486/1-A
Matrix: Water
Analysis Batch: 310700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310486

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.400	0.368		mg/L		92	90 - 110

Lab Sample ID: LCS 280-310486/3-A
Matrix: Water
Analysis Batch: 310700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.0993	0.0946		mg/L		95	90 - 110

Lab Sample ID: LLCS 280-310486/2-A
Matrix: Water
Analysis Batch: 310700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310486

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.100	0.0986		mg/L		99	44 - 167

Lab Sample ID: MB 280-311779/4-A
Matrix: Water
Analysis Batch: 311828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/26/16 07:28	01/26/16 11:53	1

Lab Sample ID: HLCS 280-311779/1-A
Matrix: Water
Analysis Batch: 311828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311779

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.400	0.385		mg/L		96	90 - 110

Lab Sample ID: LCS 280-311779/3-A
Matrix: Water
Analysis Batch: 311828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.0993	0.0972		mg/L		98	90 - 110

TestAmerica Denver

QC Sample Results

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Lab Sample ID: LLCS 280-311779/2-A
Matrix: Water
Analysis Batch: 311828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311779
%Rec.

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.100	0.0987		mg/L		99	44 - 167

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QC Association Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

General Chemistry

Prep Batch: 310337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-1	SITE OUTFALL SAMPLE - 1	Total/NA	Water	SM 4500 CN C	
HLCS 280-310337/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LCS 280-310337/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LLCS 280-310337/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
MB 280-310337/4-A	Method Blank	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 310422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-1	SITE OUTFALL SAMPLE - 1	Total/NA	Water	SM 4500 CN E	310337
HLCS 280-310337/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	310337
LCS 280-310337/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	310337
LLCS 280-310337/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	310337
MB 280-310337/4-A	Method Blank	Total/NA	Water	SM 4500 CN E	310337

Prep Batch: 310486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-3	SITE OUTFALL SAMPLE - 3	Total/NA	Water	SM 4500 CN C	
280-78663-4	SITE OUTFALL SAMPLE - 4	Total/NA	Water	SM 4500 CN C	
HLCS 280-310486/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LCS 280-310486/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LLCS 280-310486/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
MB 280-310486/4-A	Method Blank	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 310542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-5	SITE OUTFALL SAMPLE - 5	Total/NA	Water	410.4	
280-78663-5 MS	SITE OUTFALL SAMPLE - 5	Total/NA	Water	410.4	
280-78663-5 MSD	SITE OUTFALL SAMPLE - 5	Total/NA	Water	410.4	
LCS 280-310542/3	Lab Control Sample	Total/NA	Water	410.4	
LCSD 280-310542/4	Lab Control Sample Dup	Total/NA	Water	410.4	
MB 280-310542/5	Method Blank	Total/NA	Water	410.4	

Analysis Batch: 310576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-6	SITE OUTFALL SAMPLE - 6	Total/NA	Water	SM 2540D	
LCS 280-310576/1	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 280-310576/2	Lab Control Sample Dup	Total/NA	Water	SM 2540D	
MB 280-310576/3	Method Blank	Total/NA	Water	SM 2540D	

Prep Batch: 310598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-7	SITE OUTFALL SAMPLE - 7	Total/NA	Water	351.2	
LCS 280-310598/1-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 280-310598/2-A	Lab Control Sample Dup	Total/NA	Water	351.2	
MB 280-310598/3-A	Method Blank	Total/NA	Water	351.2	

Analysis Batch: 310700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-3	SITE OUTFALL SAMPLE - 3	Total/NA	Water	SM 4500 CN E	310486
280-78663-4	SITE OUTFALL SAMPLE - 4	Total/NA	Water	SM 4500 CN E	310486
HLCS 280-310486/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	310486

TestAmerica Denver

QC Association Summary

Client: Intel Corporation
 Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

General Chemistry (Continued)

Analysis Batch: 310700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-310486/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	310486
LLCS 280-310486/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	310486
MB 280-310486/4-A	Method Blank	Total/NA	Water	SM 4500 CN E	310486

Analysis Batch: 310764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-310598/1-A	Lab Control Sample	Total/NA	Water	351.2	310598
LCSD 280-310598/2-A	Lab Control Sample Dup	Total/NA	Water	351.2	310598
MB 280-310598/3-A	Method Blank	Total/NA	Water	351.2	310598

Analysis Batch: 311251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-7	SITE OUTFALL SAMPLE - 7	Total/NA	Water	351.2	310598

Prep Batch: 311779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-2	SITE OUTFALL SAMPLE - 2	Total/NA	Water	SM 4500 CN C	
HLCS 280-311779/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LCS 280-311779/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LLCS 280-311779/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
MB 280-311779/4-A	Method Blank	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 311828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78663-2	SITE OUTFALL SAMPLE - 2	Total/NA	Water	SM 4500 CN E	311779
HLCS 280-311779/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	311779
LCS 280-311779/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	311779
LLCS 280-311779/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	311779
MB 280-311779/4-A	Method Blank	Total/NA	Water	SM 4500 CN E	311779

Lab Chronicle

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Client Sample ID: SITE OUTFALL SAMPLE - 1

Lab Sample ID: 280-78663-1

Date Collected: 01/06/16 10:30

Matrix: Water

Date Received: 01/08/16 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SM 4500 CN C			50 mL	50 mL	310337	01/13/16 07:36	JML	TAL DEN
Total/NA	Analysis	SM 4500 CN E		1	50 mL	50 mL	310422	01/13/16 12:26	JML	TAL DEN

Client Sample ID: SITE OUTFALL SAMPLE - 2

Lab Sample ID: 280-78663-2

Date Collected: 01/06/16 14:30

Matrix: Water

Date Received: 01/08/16 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SM 4500 CN C			50 mL	50 mL	311779	01/26/16 07:28	JML	TAL DEN
Total/NA	Analysis	SM 4500 CN E		1	50 mL	50 mL	311828	01/26/16 12:23	JML	TAL DEN

Client Sample ID: SITE OUTFALL SAMPLE - 3

Lab Sample ID: 280-78663-3

Date Collected: 01/06/16 18:30

Matrix: Water

Date Received: 01/08/16 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SM 4500 CN C			50 mL	50 mL	310486	01/14/16 07:36	JML	TAL DEN
Total/NA	Analysis	SM 4500 CN E		1	50 mL	50 mL	310700	01/15/16 12:23	JML	TAL DEN

Client Sample ID: SITE OUTFALL SAMPLE - 4

Lab Sample ID: 280-78663-4

Date Collected: 01/06/16 22:30

Matrix: Water

Date Received: 01/08/16 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SM 4500 CN C			50 mL	50 mL	310486	01/14/16 07:36	JML	TAL DEN
Total/NA	Analysis	SM 4500 CN E		1	50 mL	50 mL	310700	01/15/16 12:24	JML	TAL DEN

Client Sample ID: SITE OUTFALL SAMPLE - 5

Lab Sample ID: 280-78663-5

Date Collected: 01/07/16 10:30

Matrix: Water

Date Received: 01/08/16 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	410.4		1	2 mL	2 mL	310542	01/14/16 10:32	CCJ	TAL DEN

Client Sample ID: SITE OUTFALL SAMPLE - 6

Lab Sample ID: 280-78663-6

Date Collected: 01/07/16 10:30

Matrix: Water

Date Received: 01/08/16 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	310576	01/14/16 14:51	MW1	TAL DEN

TestAmerica Denver

Lab Chronicle

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Client Sample ID: SITE OUTFALL SAMPLE - 7

Lab Sample ID: 280-78663-7

Date Collected: 01/07/16 10:30

Matrix: Water

Date Received: 01/08/16 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	351.2			25 mL	25 mL	310598	01/14/16 20:54	MW1	TAL DEN
Total/NA	Analysis	351.2		2	25 mL	25 mL	311251	01/20/16 20:16	MW1	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

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Certification Summary

Client: Intel Corporation
 Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78663-1

Laboratory: TestAmerica Denver

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2907.01	10-31-17
A2LA	ISO/IEC 17025		2907.01	10-31-17
Alabama	State Program	4	40730	09-30-12 *
Alaska (UST)	State Program	10	UST-30	04-05-16
Arizona	State Program	9	AZ0713	12-19-16
Arkansas DEQ	State Program	6	88-0687	06-01-16
California	State Program	9	2513	08-31-16
Connecticut	State Program	1	PH-0686	09-30-16
Florida	NELAP	4	E87667	06-30-16
Georgia	State Program	4	N/A	01-09-17
Illinois	NELAP	5	200017	04-30-16
Iowa	State Program	7	370	11-30-16
Kansas	NELAP	7	E-10166	04-30-16
Louisiana	NELAP	6	02096	06-30-16
Maine	State Program	1	CO0002	03-03-17
Minnesota	NELAP	5	8-999-405	12-31-16
Nevada	State Program	9	CO0026	07-31-16
New Hampshire	NELAP	1	205310	04-28-16
New Jersey	NELAP	2	CO004	06-30-16
New York	NELAP	2	11964	04-01-16
North Carolina (WW/SW)	State Program	4	358	12-31-16
North Dakota	State Program	8	R-034	01-09-16 *
Oklahoma	State Program	6	8614	08-31-16
Oregon	NELAP	10	4025	01-09-17
Pennsylvania	NELAP	3	68-00664	07-31-16
South Carolina	State Program	4	72002001	01-09-16 *
Texas	NELAP	6	T104704183-15-11	09-30-16
USDA	Federal		P330-13-00202	07-02-16
Utah	NELAP	8	CO00026	07-31-16
Virginia	NELAP	3	460232	06-14-16
Washington	State Program	10	C583	08-03-16
West Virginia DEP	State Program	3	354	11-30-16
Wisconsin	State Program	5	999615430	08-31-16

* Certification renewal pending - certification considered valid.

Login Sample Receipt Checklist

Client: Intel Corporation

Job Number: 280-78663-1

Login Number: 78663


List Number: 1

Creator: Muniz, Ashley T

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record

Client Information Client Contact: Jeff Rudnik Company: Intel Corporation Address: 4100 Sara Road Mail Stop RR5-491 City: Rio Rancho State, Zip: NM, 87124 Phone: 505-893-1613 (Tel) Email: jeffrey.rudnik@intel.com Project Name: Monthly WUA Split Sampling Site:		Lab P/N: Bindel, DiLea R E-Mail: dilea.bindel@testamericainc.com Carrier Tracking No(s): Lab No: 280-46750-17651.1 Page: Page 1 of 1 Job #:	
Analysis Requested 4500 - CN, E - Cyanide, Total 2007 - Total Metals - Al, B 2008 - Total Metals - As, Cd, Cr, Cu, Pb, Mo, Ni, Se, Ag, Zn 351.2 - Nitrogen, Kjeldahl 350.1 - Ammonia as N 2540D - Total Suspended Solids 4104 - Chemical Oxygen Demand		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Sample Identification Site Outfall Sample - 1 Site Outfall Sample - 2 Site Outfall Sample - 3 Site Outfall Sample - 4 Site Outfall Sample - 5 Site Outfall Sample - 6 Site Outfall Sample - 7		Field Filtered Sample (Yes or No): Perform/MSD (Yes or No): Total Number of Containers:	
Due Date Requested: TAT Requested (days): PO #: Pay by Credit Card WO #: Project #: 28013471 SSO# #:	Sample Date 1/6/16 1/6/16 1/6/16 1/6/16 1/7/16 1/7/16 1/7/16	Sample Time 1030 1430 1830 2230 1030 1030 1030	Sample Type (C=Comp, G=grab) G G G G C C C
Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air) Presentation: Google		Special Instructions/Note:  280-78663 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			
Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: Relinquished by: [Signature] Date/Time: 1/7/16 1100 Relinquished by: [Signature] Date/Time:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Relinquished by: Relinquished by: [Signature] Date/Time:		Received by: Received by: [Signature] Date/Time: 0950 80010 Company: TAC	
Relinquished by: Relinquished by: [Signature] Date/Time:		Received by: Received by: [Signature] Date/Time:	
Custody Seals Intact: A Yes Δ No		Custody Seal No.: 2,4,10,11,12,13,14	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Denver

4955 Yarrow Street

Arvada, CO 80002

Tel: (303)736-0100

TestAmerica Job ID: 280-78799-1

Client Project/Site: Monthly WUA Split Sampling

For:

Intel Corporation

4100 Sara Road

Mail Stop RR5-491

Rio Rancho, New Mexico 87124

Attn: Jeff Rudnik



Authorized for release by:

1/21/2016 4:38:16 PM

DiLea Bindel, Project Manager I

(303)736-0173

dilea.bindel@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Job ID: 280-78799-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE
Client: Intel Corporation
Project: Monthly WUA Split Sampling
Report Number: 280-78799-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 01/13/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 5.2° C.

GENERAL CHEMISTRY

Due to high analyte concentrations, sample OUTFALL SAMPLE - 2 (280-78799-2) required a 5X dilution prior to analysis for Ammonia. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Client Sample ID: OUTFALL SAMPLE - 1

Lab Sample ID: 280-78799-1

No Detections.

Client Sample ID: OUTFALL SAMPLE - 2

Lab Sample ID: 280-78799-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia as N	15		0.50		mg/L	5		350.1	Total/NA

Client Sample ID: OUTFALL SAMPLE - 3

Lab Sample ID: 280-78799-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chemical Oxygen Demand	100		20		mg/L	1		410.4	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

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Method Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Method	Method Description	Protocol	Laboratory
350.1	Nitrogen, Ammonia	MCAWW	TAL DEN
410.4	COD	MCAWW	TAL DEN
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL DEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



Sample Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-78799-1	OUTFALL SAMPLE - 1	Water	01/11/16 09:30	01/13/16 09:35
280-78799-2	OUTFALL SAMPLE - 2	Water	01/11/16 09:30	01/13/16 09:35
280-78799-3	OUTFALL SAMPLE - 3	Water	01/11/16 09:30	01/13/16 09:35

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Client Sample Results

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

General Chemistry

Client Sample ID: OUTFALL SAMPLE - 1

Date Collected: 01/11/16 09:30

Date Received: 01/13/16 09:35

Lab Sample ID: 280-78799-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0		mg/L			01/14/16 14:51	1

Client Sample ID: OUTFALL SAMPLE - 2

Date Collected: 01/11/16 09:30

Date Received: 01/13/16 09:35

Lab Sample ID: 280-78799-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	15		0.50		mg/L			01/18/16 17:33	5

Client Sample ID: OUTFALL SAMPLE - 3

Date Collected: 01/11/16 09:30

Date Received: 01/13/16 09:35

Lab Sample ID: 280-78799-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	100		20		mg/L			01/14/16 10:32	1

QC Sample Results

Client: Intel Corporation
 Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 280-310949/109
Matrix: Water
Analysis Batch: 310949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	ND		0.10		mg/L			01/18/16 16:59	1

Lab Sample ID: LCS 280-310949/107
Matrix: Water
Analysis Batch: 310949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	2.50	2.56		mg/L		102	90 - 110

Lab Sample ID: LCSD 280-310949/108
Matrix: Water
Analysis Batch: 310949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia as N	2.50	2.63		mg/L		105	90 - 110	3	10

Method: 410.4 - COD

Lab Sample ID: MB 280-310542/5
Matrix: Water
Analysis Batch: 310542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		20		mg/L			01/14/16 10:32	1

Lab Sample ID: LCS 280-310542/3
Matrix: Water
Analysis Batch: 310542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	100	95.5		mg/L		95	90 - 110

Lab Sample ID: LCSD 280-310542/4
Matrix: Water
Analysis Batch: 310542

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chemical Oxygen Demand	100	98.7		mg/L		99	90 - 110	3	11

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 280-310576/3
Matrix: Water
Analysis Batch: 310576

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0		mg/L			01/14/16 14:51	1

TestAmerica Denver

QC Sample Results

Client: Intel Corporation
 Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Method: SM 2540D - Solids, Total Suspended (TSS) (Continued)

Lab Sample ID: LCS 280-310576/1
 Matrix: Water
 Analysis Batch: 310576

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	100	89.2		mg/L		89	86 - 114

Lab Sample ID: LCSD 280-310576/2
 Matrix: Water
 Analysis Batch: 310576

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Suspended Solids	100	88.8		mg/L		89	86 - 114	0	20

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QC Association Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

General Chemistry

Analysis Batch: 310542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78799-3	OUTFALL SAMPLE - 3	Total/NA	Water	410.4	
LCS 280-310542/3	Lab Control Sample	Total/NA	Water	410.4	
LCSD 280-310542/4	Lab Control Sample Dup	Total/NA	Water	410.4	
MB 280-310542/5	Method Blank	Total/NA	Water	410.4	

Analysis Batch: 310576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78799-1	OUTFALL SAMPLE - 1	Total/NA	Water	SM 2540D	
LCS 280-310576/1	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 280-310576/2	Lab Control Sample Dup	Total/NA	Water	SM 2540D	
MB 280-310576/3	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 310949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-78799-2	OUTFALL SAMPLE - 2	Total/NA	Water	350.1	
LCS 280-310949/107	Lab Control Sample	Total/NA	Water	350.1	
LCSD 280-310949/108	Lab Control Sample Dup	Total/NA	Water	350.1	
MB 280-310949/109	Method Blank	Total/NA	Water	350.1	

Lab Chronicle

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Client Sample ID: OUTFALL SAMPLE - 1

Date Collected: 01/11/16 09:30

Date Received: 01/13/16 09:35

Lab Sample ID: 280-78799-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	310576	01/14/16 14:51	MW1	TAL DEN

Client Sample ID: OUTFALL SAMPLE - 2

Date Collected: 01/11/16 09:30

Date Received: 01/13/16 09:35

Lab Sample ID: 280-78799-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		5	1.0 mL	1.0 mL	310949	01/18/16 17:33	KAM	TAL DEN

Client Sample ID: OUTFALL SAMPLE - 3

Date Collected: 01/11/16 09:30

Date Received: 01/13/16 09:35

Lab Sample ID: 280-78799-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	410.4		1	2 mL	2 mL	310542	01/14/16 10:32	CCJ	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Certification Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-78799-1

Laboratory: TestAmerica Denver

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2907.01	10-31-17
A2LA	ISO/IEC 17025		2907.01	10-31-17
Alabama	State Program	4	40730	09-30-12 *
Alaska (UST)	State Program	10	UST-30	04-05-16
Arizona	State Program	9	AZ0713	12-19-16
Arkansas DEQ	State Program	6	88-0687	06-01-16
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North Carolina (WW/SW)	State Program	4	358	12-31-16
North Dakota	State Program	8	R-034	01-09-16 *
Oklahoma	State Program	6	8614	08-31-16
Oregon	NELAP	10	4025	01-09-17
Pennsylvania	NELAP	3	68-00664	07-31-16
South Carolina	State Program	4	72002001	01-09-16 *
Texas	NELAP	6	T104704183-15-11	09-30-16
USDA	Federal		P330-13-00202	07-02-16
Utah	NELAP	8	CO00026	07-31-16
Virginia	NELAP	3	460232	06-14-16
Washington	State Program	10	C583	08-03-16
West Virginia DEP	State Program	3	354	11-30-16
Wisconsin	State Program	5	999615430	08-31-16

* Certification renewal pending - certification considered valid.

TestAmerica Denver

Chain of Custody Record

Client Information Intel Corporation Address: 4100 Sara Road Mail Stop RR5-491 City: Rio Rancho State, Zip: NM, 87124 Phone: 505-893-1613(Tel) Email: jeffrey.rudnik@intel.com Project Name: Monthly WUA Split Sampling Site:		Lab PM: Bindel, DiLea R E-Mail: dllea.bindel@testamericainc.com Carrier Tracking No(s): COC No: 280-46750-17651.1 Page: Page 1 of 1 Job #:																																																																																																																																																				
Due Date Requested: TAT Requested (days): PO #: Pay by Credit Card WO #: Project #: 28013471 SOW#:		Analysis Requested <table border="1"> <tr> <td>4500_CN_E - Cyanide, Total</td> <td>B</td> <td>D</td> <td>D</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>200.7 - Total Metals - Al, B</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>200.8 - Total Metals - As,Cd,Cr,Cu,Pb,Mn,Mo,Ni,Se,Ag,Zn</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>351.2 - Nitrogen, Kjeldahl</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>350.1 - Ammonia as N</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2540D - Total Suspended Solids</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>410.4 - Chemical Oxygen Demand</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		4500_CN_E - Cyanide, Total	B	D	D																		200.7 - Total Metals - Al, B																					200.8 - Total Metals - As,Cd,Cr,Cu,Pb,Mn,Mo,Ni,Se,Ag,Zn																					351.2 - Nitrogen, Kjeldahl																					350.1 - Ammonia as N																					2540D - Total Suspended Solids																					410.4 - Chemical Oxygen Demand																				
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Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 5°C in 7h. 0 gms Jan 16																																																																																																																																																				



Login Sample Receipt Checklist

Client: Intel Corporation

Job Number: 280-78799-1

Login Number: 78799

List Number: 1

Creator: Muniz, Ashley T

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-79570-1

Client Project/Site: Monthly WUA Split Sampling

For:

Intel Corporation
4100 Sara Road
Mail Stop RR5-491
Rio Rancho, New Mexico 87124

Attn: Jeff Rudnik



Authorized for release by:
2/23/2016 4:52:48 PM

DiLea Bindel, Project Manager I
(303)736-0173
dilea.bindel@testamericainc.com

LINKS

Review your project
results through
TotalAccess

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Job ID: 280-79570-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE
Client: Intel Corporation
Project: Monthly WUA Split Sampling
Report Number: 280-79570-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 02/05/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.1° C.

GENERAL CHEMISTRY

Due to high levels of Ammonia, sample SITE OUTFALL SPLIT SAMPLE (280-79570-1) required a dilution prior to analysis. The reporting limits have been adjusted accordingly.

Due to high levels of TKN, sample SITE OUTFALL SPLIT SAMPLE (280-79570-1) required a dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Client Sample ID: SITE OUTFALL SPLIT SAMPLE

Lab Sample ID: 280-79570-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia as N	13		0.50		mg/L	5		350.1	Total/NA
Nitrogen, Kjeldahl	20		5.0		mg/L	5		351.2	Total/NA

- 1
- 2
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- 10
- 11
- 12
- 13
- 14

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Method Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Method	Method Description	Protocol	Laboratory
350.1	Nitrogen, Ammonia	MCAWW	TAL DEN
351.2	Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)	MCAWW	TAL DEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



Sample Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-79570-1	SITE OUTFALL SPLIT SAMPLE	Water	02/04/16 10:00	02/05/16 09:10

- 1
- 2
- 3
- 4
- 5
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- 7
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- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

General Chemistry

Client Sample ID: SITE OUTFALL SPLIT SAMPLE

Date Collected: 02/04/16 10:00

Date Received: 02/05/16 09:10

Lab Sample ID: 280-79570-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	13		0.50		mg/L			02/18/16 22:24	5
Nitrogen, Kjeldahl	20		5.0		mg/L		02/17/16 21:21	02/18/16 20:29	5

QC Sample Results

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 280-314096/69
Matrix: Water
Analysis Batch: 314096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	ND		0.10		mg/L			02/18/16 21:24	1

Lab Sample ID: LCS 280-314096/67
Matrix: Water
Analysis Batch: 314096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	2.50	2.49		mg/L		100	90 - 110

Lab Sample ID: LCSD 280-314096/123
Matrix: Water
Analysis Batch: 314096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia as N	2.50	2.47		mg/L		99	90 - 110	1	10

Method: 351.2 - Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)

Lab Sample ID: MB 280-313841/3-A
Matrix: Water
Analysis Batch: 314007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 313841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		1.0		mg/L		02/17/16 21:21	02/18/16 19:31	1

Lab Sample ID: LCS 280-313841/1-A
Matrix: Water
Analysis Batch: 314007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 313841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Kjeldahl	6.00	5.92		mg/L		99	90 - 110

Lab Sample ID: LCSD 280-313841/2-A
Matrix: Water
Analysis Batch: 314007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 313841

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	6.00	5.86		mg/L		98	90 - 110	1	25

QC Association Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

General Chemistry

Prep Batch: 313841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-79570-1	SITE OUTFALL SPLIT SAMPLE	Total/NA	Water	351.2	
LCS 280-313841/1-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 280-313841/2-A	Lab Control Sample Dup	Total/NA	Water	351.2	
MB 280-313841/3-A	Method Blank	Total/NA	Water	351.2	

Analysis Batch: 314007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-79570-1	SITE OUTFALL SPLIT SAMPLE	Total/NA	Water	351.2	313841
LCS 280-313841/1-A	Lab Control Sample	Total/NA	Water	351.2	313841
LCSD 280-313841/2-A	Lab Control Sample Dup	Total/NA	Water	351.2	313841
MB 280-313841/3-A	Method Blank	Total/NA	Water	351.2	313841

Analysis Batch: 314096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-79570-1	SITE OUTFALL SPLIT SAMPLE	Total/NA	Water	350.1	
LCS 280-314096/67	Lab Control Sample	Total/NA	Water	350.1	
LCSD 280-314096/123	Lab Control Sample Dup	Total/NA	Water	350.1	
MB 280-314096/69	Method Blank	Total/NA	Water	350.1	

Lab Chronicle

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Client Sample ID: SITE OUTFALL SPLIT SAMPLE

Lab Sample ID: 280-79570-1

Date Collected: 02/04/16 10:00

Matrix: Water

Date Received: 02/05/16 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		5			314096	02/18/16 22:24	KAM	TAL DEN
Total/NA	Prep	351.2			25 mL	25 mL	313841	02/17/16 21:21	MW1	TAL DEN
Total/NA	Analysis	351.2		5	25 mL	25 mL	314007	02/18/16 20:29	MW1	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Certification Summary

Client: Intel Corporation
Project/Site: Monthly WUA Split Sampling

TestAmerica Job ID: 280-79570-1

Laboratory: TestAmerica Denver

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2907.01	10-31-17
A2LA	ISO/IEC 17025		2907.01	10-31-17
Alabama	State Program	4	40730	09-30-12 *
Alaska (UST)	State Program	10	UST-30	04-05-16
Arizona	State Program	9	AZ0713	12-19-16
Arkansas DEQ	State Program	6	88-0687	06-01-16
California	State Program	9	2513	08-31-16
Connecticut	State Program	1	PH-0686	09-30-16
Florida	NELAP	4	E87667	06-30-16
Georgia	State Program	4	N/A	01-09-17
Illinois	NELAP	5	200017	04-30-16
Iowa	State Program	7	370	11-30-16
Kansas	NELAP	7	E-10166	04-30-16
Louisiana	NELAP	6	02096	06-30-16
Maine	State Program	1	CO0002	03-03-17
Minnesota	NELAP	5	8-999-405	12-31-16
Nevada	State Program	9	CO0026	07-31-16
New Hampshire	NELAP	1	205310	04-28-16
New Jersey	NELAP	2	CO004	06-30-16
New York	NELAP	2	11964	04-01-16
North Carolina (WW/SW)	State Program	4	358	12-31-16
North Dakota	State Program	8	R-034	01-09-16 *
Oklahoma	State Program	6	8614	08-31-16
Oregon	NELAP	10	4025	01-09-17
Pennsylvania	NELAP	3	68-00664	07-31-16
South Carolina	State Program	4	72002001	01-09-16 *
Texas	NELAP	6	T104704183-15-11	09-30-16
USDA	Federal		P330-13-00202	07-02-16
Utah	NELAP	8	CO00026	07-31-16
Virginia	NELAP	3	460232	06-14-16
Washington	State Program	10	C583	08-03-16
West Virginia DEP	State Program	3	354	11-30-16
Wisconsin	State Program	5	999615430	08-31-16

* Certification renewal pending - certification considered valid.

TestAmerica Denver

Login Sample Receipt Checklist

Client: Intel Corporation

Job Number: 280-79570-1

Login Number: 79570

List Number: 1

Creator: Dedio, Michael T

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Chain of Custody Record



Client Information Lab PM: Bindel, Dilea R Phone: 505-893-1613 E-Mail: dilea.bindel@testamerica.com Company: Intel Corporation		COC No: 280-46750-17651.1 Page: Page 1 of 1 Job #:	
Address: 4100 Sara Road Mail Stop RR5-491 City: Rio Rancho State, Zip: NM, 87124 Phone: 505-893-1613(Tel) Email: jeffrey.rudnik@intel.com Project Name: Monthly WUA Split Sampling Site:		Due Date Requested: TAT Requested (days): PO #: Pay by Credit Card WO #: Project #: 28013471 SSOW#:	
Sample Identification Site Outfall Split Sample Sample Date: 2/4/16 10:00 Sample Time: C Sample Type (C=comp, G=grab): C Matrix (Water, Sewage, Solid, Other): W		Analysis Requested 4500 CN E - Cyanide, Total 2007 - Total Metals - Al, B 2008 - Total Metals - As, Cd, Cr, Cu, Pb, Mo, Ni, Se, Ag, Zn 361.2 - Nitrogen, Kjeldahl 350.1 - Ammonia as N 2540D - Total Suspended Solids 410.4 - Chemical Oxygen Demand	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/Note: Total Number of Containers:	
Empty Kit/Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Date/Time: 2/4/16 10:30 Date/Time: [Signature] Date/Time: [Signature]		Date/Time: 2/15/16 9:10 Date/Time: [Signature] Date/Time: [Signature]	
Company: Intel Company: Intel Company: Intel		Company: [Signature] Company: [Signature] Company: [Signature]	
Custody Seal No.: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 2.3589 - outfall split sample 2/15/16	



RRS GREASE TRAP PUMP

AAA PUMPING SERVICE, INC.

P.O. BOX 12186 ALBUQUERQUE, NM 87195
Ph: (505) 345-3965 Fax: (505) 243-0314

DISPOSAL
TRIP MANIFEST
53859

RRS

WASTE PRODUCER

PRODUCER'S NAME Intel RRS PHONE 270-7410 APPROX. GALLONS 150 DATE OF COLLECTION 1/15/16

ADDRESS 4100 SARA Rd WASTE TYPE: SAND OR GRIT GREASE

CITY Rio Rancho STATE NM ZIP _____ OTHER - DESCRIBE _____

RESPON. PERSON X [Signature] DATE 1/15/16

WASTE TRANSPORTER

TRUCK DRIVER'S SIGNATURE X [Signature] DATE 1/15/16 PERMIT NO. _____

DISPOSAL SITE DATE STAMP

AAA Pumping Service
1-15-16

HAULER'S BILLING INFORMATION

INVOICE NUMBER 25733 INVOICE DATE 1/15/16 INVOICE AMOUNT _____

Responsible person signing for Waste Producer certifies that there is nothing hazardous in the materials being pumped. AAA SEPTIC TANK & PUMPING SERVICE, INC. reserves the right to file legal action against the Waste Producer for falsification of information.

DISPOSAL TRIP 11 MANIFEST RRS-TRAP BY POT WASH
53859

6T-00-DA1-25

Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date <u>1-15-16</u>	Service Date <u>1-15-16</u>	Technician/Company <u>BILLY HARRIS - AAA PUMPS</u>
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	<u>15</u> Inches	
Depth of FOG (fats, oils, grease)	<u>5</u> Inches	<u>GETTING BETTER ON THE OIL</u>
Depth of Solids	<u>1</u> Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	<u>Yes/No</u>	
Prior to opening is odor from the interceptor present 10' or greater?	<u>Yes/No</u>	
Are the access covers in need of repair?	<u>Yes/No</u>	
FOG Passing by Interceptor?	<u>Yes/No</u>	
Does grease interceptor need immediate repair?	<u>Yes/No</u>	
Are there signs the grease interceptor walls may be deteriorating?	<u>Yes/No</u>	
Are there signs the grease interceptor may be leaking?	<u>Yes/No</u>	
Was the grease interceptor pressure washed?	<u>Yes/No</u>	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	<u>Yes/No</u>	
Is there any leakage under the baffle wall?	<u>Yes/No</u>	
Was all grease removed from walls, ledges and ridges?	<u>Yes/No</u>	
Total Gallons pumped out:	<u>50</u>	
Location where grease was disposed of:	<u>AAA PUMPS YARD</u>	

D.T.M. # 53859 RRS-TRAP UNDER TABLE

GT-00-DA1-26

Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date	1-15-16	Service Date 1-15-16 Technician/Company BILLY HARVEY/AAA PUMPS
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	50	
Location where grease was disposed of:	AAA PUMPS YARD	

D.T.M. # 53859

GT-00-DA1-27

RR5-TRAP BY OFFICE
Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date	Service Date	Technician/Company
1-15-16	1-15-16	BILLY HARVEY/AAA Pumping
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	20	
Location where grease was disposed of:	AAA Pumping Yard	

D.T.M. # 52859
 GT-00-DA1-28

RR5 TRAP FOR COFFEE AREA - NORTHWEST
 Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date <u>1-15-16</u>	Service Date <u>1-15-16</u>	Technician/Company <u>BILLY HARSDY/AAA Pumps</u>
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	<u>12</u> Inches	
Depth of FOG (fats, oils, grease)	<u>1/8</u> Inches	
Depth of Solids	<u>1</u> Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	<u>Yes/No</u>	
Prior to opening is odor from the interceptor present 10' or greater?	<u>Yes/No</u>	
Are the access covers in need of repair?	<u>Yes/No</u>	
FOG Passing by Interceptor?	<u>Yes/No</u>	
Does grease interceptor need immediate repair?	<u>Yes/No</u>	
Are there signs the grease interceptor walls may be deteriorating?	<u>Yes/No</u>	
Are there signs the grease interceptor may be leaking?	<u>Yes/No</u>	
Was the grease interceptor pressure washed?	<u>Yes/No</u>	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	<u>Yes/No</u>	
Is there any leakage under the baffle wall?	<u>Yes/No</u>	
Was all grease removed from walls, ledges and ridges?	<u>Yes/No</u>	
Total Gallons pumped out:	<u>20</u>	
Location where grease was disposed of:	<u>AAA PUMPS YARD</u>	

RR5 GREASE TRAP PUMP
(RR5)

AAA PUMPING SERVICE, INC.

P.O. BOX 12186 ALBUQUERQUE, NM 87195
Ph: (505) 345-3965 Fax: (505) 243-0314

DISPOSAL
TRIP MANIFEST
53127

WASTE PRODUCER			
PRODUCER'S NAME	Intel-RRS	PHONE	
ADDRESS	4100 Sara Rd	APPROX. GALLONS	150
CITY	Rio Rancho	DATE OF COLLECTION	2/19/16
STATE	NM	WASTE TYPE:	
ZIP		<input type="checkbox"/> SAND OR GRIT	<input checked="" type="checkbox"/> GREASE
RESPON. PERSON	X <i>[Signature]</i>	<input type="checkbox"/> OTHER - DESCRIBE	
DATE	2/19/16		

WASTE TRANSPORTER		
TRUCK DRIVER'S SIGNATURE	X <i>[Signature]</i>	DATE
		2/19/16
		PERMIT NO.

DISPOSAL SITE DATE STAMP
AAA Pumping Service

HAULER'S BILLING INFORMATION		
INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
	2/19/16	

Responsible person signing for Waste Producer certifies that there is nothing hazardous in the materials being pumped. AAA SEPTIC TANK & PUMPING SERVICE, INC. reserves the right to file legal action against the Waste Producer for falsification of information.

Rio Rancho Grease Removal Device Report

GT-00-DA1-25

RAI Grease Interceptor		Comments
Inspection Date	2-19-16	Service Date 2-19-16 Technician/Company FRANCISCO DIAZ AAA RAMPINE
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches	
Depth of FOG (fats, oils, grease)	6 Inches	STILL MOSTLY OIL FROM POT'S
Depth of Solids	1 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	50	
Location where grease was disposed of:	AAA RAMPINE YARD	

Disposal TRIP MANIFEST # 531217
 6T-00-0A1-26

RRS TRAP UNDER TABLE
 Rio Rancho Grease Removal Device Report

RAI Grease Interceptor		Comments
Inspection Date	Service Date	Technician/Company
2-19-16	2-19-16	Francisco Diaz/AAA Pumping
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	50	
Location where grease was disposed of:	AAA PUMPING YARD	

DISPOSAL TRIP MANIFEST # 531217
 6T-00-0A1-27

RRS TRAP BY OFFICE
 Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date	2-19-16	Service Date 2-19-16 Technician/Company Francisco Diaz/AAA RemPuts
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	20	
Location where grease was disposed of:	AAA RemPuts	

6T-00-1A1-28

RA1 Grease Interceptor		Comments
Inspection Date <u>2-19-16</u>	Service Date <u>2-19-16</u>	Technician/Company <u>FRANCIS DIAZ/AAA PUMPING</u>
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1 Inches	COFFEE GRINDS
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	MINOR WALL RUST ACCUMULATE/SCALDED OFF
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	20	
Location where grease was disposed of:	AAA	PUMPING YARD

RRS GREASE TRAP Pump

AAA PUMPING SERVICE, INC.

P.O. BOX 12186 ALBUQUERQUE, NM 87195
Ph: (505) 345-3965 Fax: (505) 243-0314

DISPOSAL
TRIP MANIFEST
54594

WASTE PRODUCER

PRODUCER'S NAME Intel-RRS PHONE _____ APPROX. GALLONS 150 DATE OF COLLECTION 3 / 18 / 16

ADDRESS 4100 Sara Rd WASTE TYPE:
 SAND OR GRIT GREASE
 OTHER - DESCRIBE _____

CITY Rio Rancho STATE NM ZIP _____

RESPON. PERSON [Signature] DATE 3 / 18 / 16

WASTE TRANSPORTER

TRUCK DRIVER'S SIGNATURE [Signature] DATE 3 / 18 / 16 PERMIT NO. 89

DISPOSAL SITE DATE STAMP

AAA Pumping
Service
3/18/16

HAULER'S BILLING INFORMATION

INVOICE NUMBER	<u>026376</u>	INVOICE DATE	<u>3 / 18 / 16</u>	INVOICE AMOUNT	
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Responsible person signing for Waste Producer certifies that there is nothing hazardous in the materials being pumped. AAA SEPTIC TANK & PUMPING SERVICE, INC. reserves the right to file legal action against the Waste Producer for falsification of information.

DISPOSAL TRIP MANIFEST # 54594

RRS TRAP BY POT WASH

6T-00-DA1-25

PM 21633320

Rio Rancho Grease Removal Device Report

RAI Grease Interceptor		Inspection Date <u>3-18-16</u>	Service Date <u>3-18-16</u>	Technician/Company <u>FRANCISCO DIAZ AAA PUMPING</u>	Comments
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber		15	Inches		
Depth of FOG (fats, oils, grease)		6	Inches		STILL MOSTLY OIL, 1/2 GREASE
Depth of Solids		1	Inches		
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Prior to opening is odor from the interceptor present 10' or greater?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Are the access covers in need of repair?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
FOG Passing by Interceptor?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Does grease interceptor need immediate repair?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Are there signs the grease interceptor walls may be deteriorating?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Are there signs the grease interceptor may be leaking?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Was the grease interceptor pressure washed?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Is there any leakage under the baffle wall?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Was all grease removed from walls, ledges and ridges?		<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Total Gallons pumped out:		50			
Location where grease was disposed of:		AAA PUMPING YARD - RECYCLE			

RRS TRAP UNDER TABLE

Rio Rancho Grease Removal Device Report

PM 21633322

D.T.M. # 54594

GT-00-DAI-26

RAI Grease Interceptor		Technician/Company	Comments
Inspection Date	3-18-16	FRANCISCO DIAZ	AAA PUMPING
Service Date	3-18-16		
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches		
Depth of FOG (fats, oils, grease)	1/16 Inches		
Depth of Solids	1/16 Inches		
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No		
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No		
Are the access covers in need of repair?	Yes/No		
FOG Passing by Interceptor?	Yes/No		
Does grease interceptor need immediate repair?	Yes/No		
Are there signs the grease interceptor walls may be deteriorating?	Yes/No		
Are there signs the grease interceptor may be leaking?	Yes/No		
Was the grease interceptor pressure washed?	Yes/No		
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No		
Is there any leakage under the baffle wall?	Yes/No		
Was all grease removed from walls, ledges and ridges?	Yes/No		
Total Gallons pumped out:	50		
Location where grease was disposed of:	AAA PUMPING YARD - RECYCLED		

D.T.M. # 54594
GT-00-DA1-27

RRS TRAP B-Y OFFICE

Rio Rancho Grease Removal Device Report

PM 2/6 33324

Inspection Date <u>3-18-16</u> Service Date <u>3-18-16</u> Technician/Company <u>FRANCISCO DIAZ AAA PUMPING</u>		Comments
RA1 Grease Interceptor		
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	20	
Location where grease was disposed of:	AAA Pumping YARD - RECYCLED	

D.T.M. # 54594
GT-00-DA1-28

RRS TRAP FOR COFFEE NORTH/WEST
Rio Rancho Grease Removal Device Report

PM 216 33326

Inspection Date <u>3-18-16</u> Service Date <u>3-18-16</u> Technician/Company <u>FRANCISCO DIAZ AAA PUMPING</u>		Comments
RA1 Grease Interceptor		
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches	
Depth of FOG (fats, oils, grease)	1/6 Inches	
Depth of Solids	1/2 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	20	
Location where grease was disposed of:	AAA PUMPING YARD - RECYCLED	

RRS GREASE TRAP PUMP

AAA PUMPING SERVICE, INC.

P.O. BOX 12186 ALBUQUERQUE, NM 87195
Ph: (505) 345-3965 Fax: (505) 243-0314

DISPOSAL
TRIP MANIFEST
54547

WASTE PRODUCER

PRODUCER'S NAME	<u>Intel-KRS</u>	PHONE	APPROX. GALLONS	DATE OF COLLECTION
ADDRESS	<u>4100 Sara Rd</u>		<u>150</u>	<u>4/15/16</u>
CITY	<u>Rio Rancho</u>	STATE <u>NM</u> ZIP	WASTE TYPE:	
RESPON. PERSON	<u>X [Signature]</u>	DATE	<input type="checkbox"/> SAND OR GRIT	<input checked="" type="checkbox"/> GREASE
		<u>4/15/16</u>	<input type="checkbox"/> OTHER - DESCRIBE	

WASTE TRANSPORTER

TRUCK DRIVER'S SIGNATURE	<u>X [Signature]</u>	DATE	PERMIT NO.
		<u>4/15/16</u>	<u>SPR-111</u>

DISPOSAL SITE DATE STAMP

AAA Pumping Service 4/15/16

HAULER'S BILLING INFORMATION

INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
<u>26615</u>	<u>4/15/16</u>	

Responsible person signing for Waste Producer certifies that there is nothing hazardous in the materials being pumped. AAA SEPTIC TANK & PUMPING SERVICE, INC. reserves the right to file legal action against the Waste Producer for falsification of information.

DISPOSAL TRIP MANIFEST #54547 RRS TRAP BY POT WASH
 Rio Rancho Grease Removal Device Report

GT-00-DA1-25

Inspection Date <u>4-15-16</u> Service Date <u>4-15-16</u> Technician/Company <u>Josue Pacheco / AAA Pumping</u>		Comments
RA1 Grease Interceptor		
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches	
Depth of FOG (fats, oils, grease)	6 Inches	
Depth of Solids	1 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Prior to opening is odor from the interceptor present 10' or greater?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Are the access covers in need of repair?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
FOG Passing by Interceptor?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Does grease interceptor need immediate repair?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Are there signs the grease interceptor walls may be deteriorating?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Are there signs the grease interceptor may be leaking?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Was the grease interceptor pressure washed?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Is there any leakage under the baffle wall?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Was all grease removed from walls, ledges and ridges?	<input checked="" type="radio"/> Yes/ <input type="radio"/> No	
Total Gallons pumped out:	50	
Location where grease was disposed of:	AAA PUMPING YARD	

D.T.M. # 54547

GT-00-JA1-26

RRS TRAP UNDER TABLE Rio Rancho Grease Removal Device Report

Inspection Date <u>4-15-16</u> Service Date <u>4-15-16</u> Technician/Company <u>Jesse Padilla/AAA Pumping</u>		Comments
RAI Grease Interceptor		
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	<u>15</u> Inches	
Depth of FOG (fats, oils, grease)	<u>1/8</u> Inches	
Depth of Solids	<u>1/8</u> Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/ <u>No</u>	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/ <u>No</u>	
Are the access covers in need of repair?	Yes/ <u>No</u>	
FOG Passing by Interceptor?	Yes/ <u>No</u>	
Does grease interceptor need immediate repair?	Yes/ <u>No</u>	
Are there signs the grease interceptor walls may be deteriorating?	Yes/ <u>No</u>	
Are there signs the grease interceptor may be leaking?	Yes/ <u>No</u>	
Was the grease interceptor pressure washed?	Yes/ <u>No</u>	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/ <u>No</u>	
Is there any leakage under the baffle wall?	Yes/ <u>No</u>	
Was all grease removed from walls, ledges and ridges?	<u>Yes</u> / No (<u>YES</u>)	
Total Gallons pumped out:	<u>50</u>	
Location where grease was disposed of:	<u>AAA PUMPING YARD</u>	

D.T.M. # 54547
6T-00-DA1-27

RRS TRAP BY OFFICE

Rio Rancho Grease Removal Device Report

RAI Grease Interceptor		Inspection Date 4-15-16	Service Date 4-15-16	Technician/Company J. Sub. Practice / AAA Pumping	Comments
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber			12	Inches	
Depth of FOG (fats, oils, grease)			1/8	Inches	
Depth of Solids			1/8	Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity			Yes	No	
Prior to opening is odor from the interceptor present 10' or greater?			Yes	No	
Are the access covers in need of repair?			Yes	No	
FOG Passing by Interceptor?			Yes	No	
Does grease interceptor need immediate repair?			Yes	No	
Are there signs the grease interceptor walls may be deteriorating?			Yes	No	
Are there signs the grease interceptor may be leaking?			Yes	No	
Was the grease interceptor pressure washed?			Yes	No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?			Yes	No	
Is there any leakage under the baffle wall?			Yes	No	
Was all grease removed from walls, ledges and ridges?			Yes	No	
Total Gallons pumped out:			20		
Location where grease was disposed of:			AAA	PUMPING YARD	

D.T.M. # 54547
6T-00-DA1-28

RRS TRAP NOR THAWEST COFFEE

Rio Rancho Grease Removal Device Report

Inspection Date	Service Date	Technician/Company	Comments
4/5/16	4/5/16	Josue Pacheco/AAA Pumping	
RA1 Grease Interceptor			
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches		
Depth of FOG (fats, oils, grease)	1/8 Inches		
Depth of Solids	1 Inches		
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No		
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No		
Are the access covers in need of repair?	Yes/No		
FOG Passing by Interceptor?	Yes/No		
Does grease interceptor need immediate repair?	Yes/No		
Are there signs the grease interceptor walls may be deteriorating?	Yes/No		
Are there signs the grease interceptor may be leaking?	Yes/No		
Was the grease interceptor pressure washed?	Yes/No		
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No		
Is there any leakage under the baffle wall?	Yes/No		
Was all grease removed from walls, ledges and ridges?	Yes/No		
Total Gallons pumped out:	20		
Location where grease was disposed of:	AAA Pumping Yard		

RRS GREASE TRAP PUMP

AAA PUMPING SERVICE, INC.

P.O. BOX 12186 ALBUQUERQUE, NM 87195
Ph: (505) 345-3965 Fax: (505) 243-0314

RRS

DISPOSAL
TRIP MANIFEST
53970

WASTE PRODUCER

PRODUCER'S NAME Intel RRS PHONE _____ APPROX. GALLONS 150 DATE OF COLLECTION 5/20/16

ADDRESS 4100 Sara Rd WASTE TYPE: SAND OR GRIT GREASE

CITY Kio Rancho STATE NM ZIP _____ OTHER - DESCRIBE _____

RESPON. PERSON X [Signature] DATE 5/20/16

WASTE TRANSPORTER

TRUCK DRIVER'S SIGNATURE X DATE 5/20/16 PERMIT NO. SA0730

DISPOSAL SITE DATE STAMP

AAA Pumping
Service
5/20/16

HAULER'S BILLING INFORMATION

INVOICE NUMBER 026984 INVOICE DATE 5/20/16 INVOICE AMOUNT _____

Responsible person signing for Waste Producer certifies that there is nothing hazardous in the materials being pumped. AAA SEPTIC TANK & PUMPING SERVICE, INC. reserves the right to file legal action against the Waste Producer for falsification of information.

Rio Rancho Grease Removal Device Report

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RA1 Grease Interceptor		Comments	
Inspection Date	5-20-16	Service Date	5-20-16
RA1 Grease Interceptor		Technician/Company FRANCIS DIAZ AAA PUMPING	
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches	MOSTLY OIL	
Depth of FOG (fats, oils, grease)	9 Inches		
Depth of Solids	1 Inches		
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No		
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No		
Are the access covers in need of repair?	Yes/No		
FOG Passing by Interceptor?	Yes/No		
Does grease interceptor need immediate repair?	Yes/No		
Are there signs the grease interceptor walls may be deteriorating?	Yes/No		
Are there signs the grease interceptor may be leaking?	Yes/No		
Was the grease interceptor pressure washed?	Yes/No		
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No		
Is there any leakage under the baffle wall?	Yes/No		
Was all grease removed from walls, ledges and ridges?	Yes/No		
Total Gallons pumped out:	50		
Location where grease was disposed of:	AAA	PUMPING YARD	

D.T.M. # 52972

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RCS TRAP UNDER TABLE

Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date	5-20-16	Service Date 5-20-16 Technician/Company <i>Francisco Diaz AAA Pumping</i>
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	50	
Location where grease was disposed of:	AAA	PUMPING YARD

D.T.M. # 52972

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RRS TRAP B-1 OFFICE
Rio Rancho Grease Removal Device Report

Inspection Date	5-20-16	Service Date	5-20-16	Technician/Company	FRANCISE DIAZ AAA Pumping	Comments
RA1 Grease Interceptor						
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches					
Depth of FOG (fats, oils, grease)	1/8 Inches					
Depth of Solids	1/8 Inches					
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No					
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No					
Are the access covers in need of repair?	Yes/No					
FOG Passing by Interceptor?	Yes/No					
Does grease interceptor need immediate repair?	Yes/No					
Are there signs the grease interceptor walls may be deteriorating?	Yes/No					
Are there signs the grease interceptor may be leaking?	Yes/No					
Was the grease interceptor pressure washed?	Yes/No					
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No					
Is there any leakage under the baffle wall?	Yes/No					
Was all grease removed from walls, ledges and ridges?	Yes/No					
Total Gallons pumped out:	20					
Location where grease was disposed of:	AAA					PUMPING YARD

D.T.M. # 5997D

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RIS TRAP FOR COLLEGE AREA NORTH/WEST
Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date	5-20-16	Service Date 5-20-16 Technician/Company KANISKO DIAZ AAA Pumping
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches	
Depth of FOG (fats, oils, grease)	0 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	20	
Location where grease was disposed of:	AAA	PUMPING YARD

RR5 GREASE TRAP PUMP

AAA PUMPING SERVICE, INC.

P.O. BOX 12186 ALBUQUERQUE, NM 87195
Ph: (505) 345-3965 Fax: (505) 243-0314

DISPOSAL
TRIP MANIFEST
56802

WASTE PRODUCER

PRODUCER'S NAME Intel RR5 PHONE 270-7410 APPROX. GALLONS 150 DATE OF COLLECTION 6/17/16
ADDRESS 4000 SARA Rd WASTE TYPE:
CITY Rio Rancho STATE NM ZIP _____ SAND OR GRIT GREASE
 OTHER - DESCRIBE _____
RESPON. PERSON X [Signature] DATE 6/17/16

WASTE TRANSPORTER

TRUCK DRIVER'S SIGNATURE X [Signature] DATE 6/17/16 PERMIT NO. [Stamp]

DISPOSAL SITE DATE STAMP

AAA Pumping Service
6-17-16

HAULER'S BILLING INFORMATION

INVOICE NUMBER 27263 INVOICE DATE 6/17/16 INVOICE AMOUNT _____

Responsible person signing for Waste Producer certifies that there is nothing hazardous in the materials being pumped. AAA SEPTIC TANK & PUMPING SERVICE, INC. reserves the right to file legal action against the Waste Producer for falsification of information.

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RRS TRAP BY RT WASH
Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date <u>6-17-16</u>	Service Date <u>6-17-16</u>	Technician/Company <u>BILLY HARVEY / AAA PUMPS</u>
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	<u>15</u> Inches	
Depth of FOG (fats, oils, grease)	<u>8</u> Inches	
Depth of Solids	<u>1/2</u> Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	<u>Yes/No</u>	
Prior to opening is odor from the interceptor present 10' or greater?	<u>Yes/No</u>	
Are the access covers in need of repair?	<u>Yes/No</u>	
FOG Passing by Interceptor?	<u>Yes/No</u>	
Does grease interceptor need immediate repair?	<u>Yes/No</u>	
Are there signs the grease interceptor walls may be deteriorating?	<u>Yes/No</u>	
Are there signs the grease interceptor may be leaking?	<u>Yes/No</u>	
Was the grease interceptor pressure washed?	<u>Yes/No</u>	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	<u>Yes/No</u>	
Is there any leakage under the baffle wall?	<u>Yes/No</u>	
Was all grease removed from walls, ledges and ridges?	<u>Yes/No</u>	
Total Gallons pumped out:	<u>50</u>	
Location where grease was disposed of:	<u>AAA PUMPS YARD</u>	

D.T.M. # 56802A
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RR5 TRAP UNDER TABLE
Rio Rancho Grease Removal Device Report

Inspection Date 6-17-16 Service Date 6-17-16 Technician/Company BILLY HARVEY AAA PUMPING

RA1 Grease Interceptor		Comments
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	15 Inches	
Depth of FOG (fats, oils, grease)	1/8 Inches	
Depth of Solids	1/8 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	50	
Location where grease was disposed of:	AAA Pumping Tank	

D. T. M. # 56802
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RRS TRAP BY OFFICE
Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date <u>6-17-16</u>	Service Date <u>6-17-16</u>	Technician/Company <u>BILLY HARRIS/AAA Pumping</u>
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	<u>12</u> Inches	
Depth of FOG (fats, oils, grease)	<u>1/8</u> Inches	
Depth of Solids	<u>1/8</u> Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	<u>Yes/No</u>	
Prior to opening is odor from the interceptor present 10' or greater?	<u>Yes/No</u>	
Are the access covers in need of repair?	<u>Yes/No</u>	
FOG Passing by Interceptor?	<u>Yes/No</u>	
Does grease interceptor need immediate repair?	<u>Yes/No</u>	
Are there signs the grease interceptor walls may be deteriorating?	<u>Yes/No</u>	
Are there signs the grease interceptor may be leaking?	<u>Yes/No</u>	
Was the grease interceptor pressure washed?	<u>Yes/No</u>	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	<u>Yes/No</u>	
Is there any leakage under the baffle wall?	<u>Yes/No</u>	
Was all grease removed from walls, ledges and ridges?	<u>Yes/No</u>	
Total Gallons pumped out:	<u>20</u>	
Location where grease was disposed of:	<u>AAA Pumping Yard</u>	

D. T. M. # 56822
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R.R.S TRAP FROM CATCH AREA NORTH/WEST
Rio Rancho Grease Removal Device Report

RA1 Grease Interceptor		Comments
Inspection Date	6-17-16	Service Date 6-17-16 Technician/Company BILLY HARRIS/AAA Pumping
Depth of Interceptor from Invert at Outlet Tee to Bottom of Outlet Chamber	12 Inches	
Depth of FOG (fats, oils, grease)	1/16 Inches	
Depth of Solids	1/16 Inches	
Is the accumulated FOG and solids occupying greater than 25% of the interceptor capacity	Yes/No	
Prior to opening is odor from the interceptor present 10' or greater?	Yes/No	
Are the access covers in need of repair?	Yes/No	
FOG Passing by Interceptor?	Yes/No	
Does grease interceptor need immediate repair?	Yes/No	
Are there signs the grease interceptor walls may be deteriorating?	Yes/No	
Are there signs the grease interceptor may be leaking?	Yes/No	
Was the grease interceptor pressure washed?	Yes/No	
Inlet Tee, Baffle Wall Elbow and Outlet Tee pressure washed?	Yes/No	
Is there any leakage under the baffle wall?	Yes/No	
Was all grease removed from walls, ledges and ridges?	Yes/No	
Total Gallons pumped out:	20	
Location where grease was disposed of:	AAA	PUMPING YARD