KOCH

KOCH NITROGEN COMPANY

CERTIFIED MAIL; RETURN RECEIPT REQUESTED: 7007 0710 0003 4183 1914

December 5, 2007

RCAP-RECEIVED
DEC 10 2007

Ms. Andrea Stone
U.S. Environmental Protection Agency
Region VII
Air, RCRA, and Toxics Division
901 North 5th Street
Kansas City, KS 66101 (2 copies)

Re: Leakage from Cracks in Former Andco Basin
Koch Nitrogen Company, Dodge City Nitrogen Plant, Dodge City, Ford County, KS
EPA I.D. No. KSD044625010
Notification of Event and Request for Approval of Additional Sampling Activity

Dear Ms. Stone:

Under its Hazardous Waste Management Permit (the Permit), Koch Nitrogen Company (KNC), the owner and operator of the Dodge City Nitrogen Plant located near Dodge City, Kansas, operates a groundwater collection and treatment system. This system collects groundwater from areas around the Plant and treats the groundwater to remove hexavalent chromium (Cr+6), which may be present in the groundwater as a result of historic operations at the Facility.

KNC is notifying the U.S. Environmental Protection Agency (EPA) by this letter that it appears leakage has occurred at the former Andco effluent clarifier basin, which is now used as the equalization basin for the new reverse-osmosis (RO) treatment system. As noted in KNC's RFI Work Plan (RFIWP), approved in September 2006, records indicate that the former Facility owner, Farmland Industries, installed the Andco electrochemical chromium reduction unit in 1992 to treat recovered groundwater from the recovery well system. This system included the effluent settling basin, located east of the current Phase I RO building, which received effluent and collected the precipitate from the unit. The basin is an epoxy-coated, concrete structure 40 feet long, 20 feet wide, and 12 feet deep that is divided into 5 compartments. The basin extends 5 feet into the subsurface soils, with 7 feet of the wall height above grade. The Andco unit did not require permitting as a hazardous waste treatment unit at the time of its installation because the recovered water being treated had Cr present at a level below 5 mg/l.

Samples collected by Farmland Industries after the 2000 cleaning (while the Andco was still in service) indicate that portions of the sludge would not pass the TCLP for Cr if removed for disposal.]

11559 U.S. Highway 50 ▪ P.O. Box 1337 ▪ Dodge City, Kansas 67801-1337
620/227-8631 ▪ 620/227-6016

KNC acquired the facility in 2003. There has been one previous confirmed release of water from the unit since KNC's acquisition. In June of 2005, the basin overflowed during installation of a buried water line. KNC immediately took action to stop the release, and notified USEPA/KDHE. KNC subsequently obtained EPA approval of a sampling plan for the impacted area. Analyses from samples taken in accordance with that plan showed no impact from the released water.

In March 2007, pursuant to a Class 1a permit modification issued by the Kansas Department of Health and Environment (KDHE), KNC replaced the Andco unit with the new RO unit for removal of Cr and nitrate from the groundwater, keeping the basin in service to equalize the influent groundwater and to allow the sand and silt associated with the groundwater to settle out.. Since then, Recent measurements indicate that the maximum depth of sludge]in the basin is 2 feet.

Recently, KNC noted that cracks in the basin's north, east and west walls were wet and that there appeared to be seepage through these cracks. KNC immediately collected soil samples along the base of the walls near the cracks to evaluate the impact of this seepage. KNC also lowered the level in the basin, which appears to have stopped the seepage, and arranged a preliminary inspection of the basin by a consulting engineer to assess its structural integrity while the basin continues in service to allow the recovered water to be treated. KNC will be draining the basin in the next several days to allow the engineer to perform a thorough internal inspection.

This basin was designated as SWMU 14 in the RFIWP. Based on records of the former owner, no additional sampling or assessment activity was required on this basin. Based on the results of analytical testing of the soil samples and their extract for total chromium, soluble chromium, nitrate and nitrite, tabulated in the chart below, six of the seven samples taken show total chromium above the surface background level of 19.6 mg/l, and one of seven shows nitrate + nitrite as N above the surface background level of 26 mg/l. Therefore, KNC has developed the attached addendum to the approved SAP and RFIWP for SWMU 14 for consideration by EPA to allow for the delineation of chromium and nitrogen compounds present in the soils. Please let us know at your earliest convenience if KNC may proceed to implement this additional assessment activity.

ANDCO BASIN SOIL SAMPLE RESULTS

	Solids				Extract (ASTM D3987)				
Sample ID	T-Cr	T-N	NO2-	NO3-	T-Cr	S-Cr (Cr+6)	T-N	NO2-	NO3-
AND1	24	7	ND	7	ND	ND	0.5	ND	0.5
AND2	46.8	5	ND	5	0.014	ND	0.3	ND	0.3
AND3	30.3	7	ND	7	ND	ND	0.2	ND	0.2
AND4	12.7	18	ND	18	ND	ND	0.8	ND	0.8
And111307S	28.6	7	ND	7	ND	ND	0.4	ND	0.4
And111307M	43.1	33	ND	33	0.013	ND	1.5	ND	1.5
And111307N	64.9	13	ND	13	0.015	ND	0.7	ND	0.7

Due to the intermittent nature of the seepage, and the appearance of soil, it is estimated that the worst case release of total Cr was less than one pound. This assumes potential impact to the entire perimeter of the three walls where cracks were observed, using the highest total chromium concentration measured above background in the samples. Due to the small amounts involved, it is not clear

whether this incident would constitute a release event required to be reported under Part II, Section C.4 of the KNC Permit. This section requires written notification of any release of hazardous waste or hazardous constituents identified during the course of groundwater monitoring within fifteen days after discovery. Please consider this letter to constitute a Section C.4 notification in the event EPA determines that the event is subject to this requirement.

By this letter, KNC is also notifying the Kansas Department of Health and Environment, in accordance with K.A.R. 28-48-2, of this occurrence. Based on their previous guidance on state reporting requirements, KDHE does not consider this incident to be a reportable release because of the de minimis quantity of chromium involved, and the fact that the substance released from the pipe was unaltered local groundwater that had just been removed from the ground.

If you have any questions or require additional information regarding these matters, please contact AnnieLaurie Burke (620) 227-8631 ext. 350.

In accordance with Section B.2.b of the Permit and 40 CFR 270.11, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to 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 knowing violations.

Sincerely,
KOCH NITROGEN COMPANY

Gary J. LeRock
Plant Manager

cc: CERTIFIED MAIL 7007 0710 0003 4183 1693
Kansas Department of Health & Environment
Bureau of Waste Management
Hazardous Waste Permits Section
1000 SW Jackson, Suite 320
Topeka, KS 66612-1366

cc:
Hannah Valmont, KMS (electronic)
Cory Zellers, KNC Dodge City
AnnieLaurie Burke, KNC Dodge City

ADDENDUM NO. 1
TO RFI SAMPLING AND ANALYSIS PLAN AND RFI WORK PLAN

Koch Nitrogen Company, Dodge City Nitrogen Plant,
Dodge City, KS
EPA I.D. No. KSD044625010

December 5, 2007

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Tables

APPENDIX A – FIGURES

APPENDIX B – LABORATORY RESULTS

1.0 Rationale for Addendum No. 1

KNC has prepared this Addendum to the Sampling and Analysis Plan (approved January 2006) and RFI Work Plan (approved September 2006) (SAP-WP) to implement the investigation of and corrective action for SWMU 14, the "Chromium Settling Basin" (Former Andco Effluent Clarifier Basin), located east of the Phase I building. This basin was designated as SWMU 14 in the SAP-WP. Based on records of the former owner, no additional sampling or action was previously required on this SWMU. Figure 1 shows the location of SWMU 14.

There has been one previous confirmed release from the unit since KNC's acquisition of the Facility in May 2003. In June 2005, the basin overflowed during installation of a buried water line. KNC immediately took action to stop the release, and notified EPA and KDHE of the spill. KNC subsequently obtained EPA approval of a sampling plan for the spill area. Analyses from samples taken in accordance with that plan showed no impact from the basin overflow.

As noted in the RFI WP, approved in September 2006, records indicate that the former Facility owner, Farmland Industries, installed the Andco electrochemical chromium reduction unit in 1992 to treat recovered groundwater from the recovery well system. The system converted the hexavalent chromium (Cr+6) present in the recovered water to trivalent chromium (Cr+3). The effluent settling basin received the treated effluent, and allowed the insoluble trivalent chromium precipitated out of solution to settle out.

The basin is an epoxy-coated, concrete structure 40 feet long, 20 feet wide and 12 feet deep. The structure is divided into 5 compartments. The basin extends 5 feet into the subsurface soils, with 7 feet of the wall height above the outside grade. Figure 2 shows the construction drawing for this basin.

In March 2007, pursuant to a Class 1a permit modification issued by the Kansas Department of Health and Environment (KDHE), KNC replaced the Andco unit with a new recovered water Reverse-Osmosis (RO) System for removal of Cr and nitrate from the groundwater. At that time, the basin was converted to service as the influent equalization basin for the Recovered Water RO System, allowing for both consistent flow to the unit and settling of the sand and silt associated with the influent groundwater. Recent measurements indicate that the depth of solids in the basin range from 0 to 2 feet.

Recently, KNC noted that cracks in the basin's north, east and west walls were wet and that there appeared to be seepage through these cracks. KNC has developed this addendum to the approved SAP and RFI WP for SWMU 14 to present the program for assessing and repairing the basin, and delineating the extent of chromium and nitrogen compounds in soil at SWMU 14.

2.0 Technical Approach

Upon discovering the potential release, KNC immediately took soil samples along the base of the walls near the cracks to evaluate the impact of this seepage (Figure 3). KNC also lowered the level in the basin, which appears to have stopped the seepage, and arranged a preliminary inspection of the basin by a consulting engineer to assess its structural integrity while it remains in service to allow for treatment of the recovered water. KNC will be draining the basin to allow the engineer to perform a thorough internal inspection during the week of December 10, 2007.

Any solids generated during these preparations will be managed appropriately under the Facility's solid waste management procedures.

Based on the results of analytical testing of the soil samples and the extract for total Cr, soluble Cr, nitrate and nitrite, tabulated below, six of the seven samples taken show total Cr above the surface background level of 19.6 mg/l, and one of seven shows nitrate + nitrite as N above the surface background level of 26 mg/l. Results are contained in Appendix B.

Table 1: Andco Basin Soil Sample Results

	Solids				Extract (ASTM D3987)				
Sample ID	**T-Cr**	**T-N**	**NO2-**	**NO3-**	**T-Cr**	**Sol. Cr**	**T-N**	**NO2-**	**NO3-**
AND1	24	7	ND	7	ND	ND	0.5	ND	0.5
AND2	46.8	5	ND	5	0.014	ND	0.3	ND	0.3
AND3	30.3	7	ND	7	ND	ND	0.2	ND	0.2
AND4	12.7	18	ND	18	ND	ND	0.8	ND	0.8
And111307S	28.6	7	ND	7	ND	ND	0.4	ND	0.4
And111307M	43.1	33	ND	33	0.013	ND	1.5	ND	1.5
And111307N	64.9	13	ND	13	0.015	ND	0.7	ND	0.7

At the time of the suspected release via the seeping cracks, the Andco clarifier basin contained the influent water that was being equalized for treatment in the new RO unit. Typically, this is composed of recovered groundwater and raw production well water. This water varies in total Cr content from 0.02 to 0.2 mg/l, based on KNC's most recent analyses. Soil samples taken at the time the seepage was discovered show low levels of soluble Cr in the extract tested in accordance with ASTM D3987. These results, when compared to the levels of total Cr in the soil, suggest that some of the precipitated sludge from the old Andco unit (primarily Cr+3) may have been transported out with the seepage.

KNC has notified the EPA and KDHE of activities relating to the groundwater recovery and treatment system, although KNC believes that these incidents are not likely releases under Section C.4 of its Permit. Guidance received from KDHE on state reporting indicates that these are not considered releases under K.A.R. 28-48-2.

2.1 *Basin Assessment and Repair*

The preliminary inspection by a professional structural engineer indicates that the cracks in the basin walls cannot be effectively patched. The structural engineer noted that the most extensive damage appears to be at the northeast corner, and recommended installation of an internal structure (concrete walls, polymeric liner or similar option) for repair of the system. Contractors to implement the correction actions are currently being identified and evaluated.

KNC is proceeding with preparations for the detailed internal inspection and the evaluation of options for repair. The basin will need to be shut down and drained for the internal inspection. The sand and sludge removed in this process will be sampled, analyzed, and disposed of appropriately.

The basin assessment and repair will be expedit ed on a priority schedule. Should the nature of the repairs require an extended schedule, KNC may utilize a temporary equalization system in order to continue treatment of the recovered groundwater.

2.2 *Soil Sampling and Analysis*

The sample collection procedures for this SWMU will be in accordance with the RFI SAP and accompanying Quality Assurance Project Plan (QAPP) [1], which has been prepared to support the specific quality assurance/quality control (QA/QC) activities designed to achieve the stated objectives in the RFI SAP.

Sampling will be conducted under a phased approach. In the first phase, KNC will collect samples along the perimeter of the basin on the north and east walls, since these locations would have had the longest contact time with any seepage from the cracks. Grab samples will be collected at four locations along the east side, and three on the north side at the wall, and 2 feet out from the wall, at depths of 0.5, 1 and 2 feet. Samples other than the limited surface sampling already completed may not be feasible along the west wall, since it is nearly flush against the Phase I Building. KNC will evaluate subsurface and aboveground obstructions and attempt to sample at three locations if possible.

If the pending internal basin inspection indicates significant subsurface cracking, or if the samples noted above fail to delineate the extent of Cr and N compounds, KNC will initiate a second phase of sampling. The sampling will be conducted along the north and east walls by means of a direct-push (DPT) drill rig, as described in the approved RFI SAP, to a depth and distance from the walls indicating delineation. Sampling locations and depths associated with a second phase will be provided as a separate submittal, if needed. Table 2 lists the sampling locations and depth intervals for Phase 1 sampling. Figure 4 shows the sampling locations in relation to site features. The soil sampling locations may be altered based on field observations or unforeseen physical obstacles.

Table 2: Sample Locations

Sample ID	**Description** (bgs = below ground surface)
S14-SS01N-0.5	North wall, Loc. 1, 0.5 ft bgs
S14-SB01N-1	North wall, Loc. 1, 1 ft bgs
S14-SB01N-2	North wall, Loc. 1, 2 ft bgs
S14-SS02N-0.5	North wall, Loc. 2, 0.5 ft bgs
S14-SB02N-1	North wall, Loc. 2, 1 ft bgs
S14-SB02N-2	North wall, Loc. 2, 2 ft bgs
S14-SS03N-0.5	North wall, Loc. 3, 0.5 ft bgs
S14-SB03N-1	North wall, Loc. 3, 1 ft bgs
S14-SB03N-2	North wall, Loc. 3, 2 ft bgs
S14-SS01E-0.5	East wall, Loc. 1, 0.5 ft bgs
S14-SB01E-1	East wall, Loc. 1, 1 ft bgs
S14-SB01E-2	East wall, Loc. 1, 2 ft bgs
S14-SS02E-0.5	East wall, Loc. 2, 0.5 ft bgs
S14-SB02E-1	East wall, Loc. 2, 1 ft bgs
S14-SB02E-2	East wall, Loc. 2, 2 ft bgs

[1] Sampling and Approach Sampling and Analysis Plan RCRA Facility, Dodge City, Kansas, USEPA ID No. KSDO44625010. GeoSyntec Consultants, December 2005.

S14-SS03E-0.5	East wall, Loc. 3, 0.5 ft bgs
S14-SB03E-1	East wall, Loc. 3, 1 ft bgs
S14-SB03E-2	East wall, Loc. 3, 2 ft bgs
S14-SS04E-0.5	East wall, Loc. 4, 0.5 ft bgs
S14-SB04E-1	East wall, Loc. 4, 1 ft bgs
S14-SB04E-2	East wall, Loc. 4, 2 ft bgs
S14-SS01W-0.5*	West wall, Loc. 1, 0.5 ft bgs
S14-SB01W-1*	West wall, Loc. 1, 1 ft bgs
S14-SB01W-2*	West wall, Loc. 1, 2 ft bgs
S14-SS02W-0.5*	West wall, Loc. 2, 0.5 ft bgs
S14-SB02W-1*	West wall, Loc. 2, 1 ft bgs
S14-SB02W-2*	West wall, Loc. 2, 2 ft bgs
S14-SS03W-0.5*	West wall, Loc. 3, 0.5 ft bgs
S14-SB03W-1*	West wall, Loc. 3, 1 ft bgs
S14-SB03W-2*	West wall, Loc. 3, 2 ft bgs

* if possible based on surface/subsurface obstructions

Phase 1 samples will be analyzed for total Cr and nitrate + nitrite as nitrogen (N), by methods EPA 6010B and SM 300.0, respectively. Since all samples to date have shown non-detects for nitrite and soluble Cr, a random 20% of the samples will be tested for these analytes, using method ASTM D3987 for the extraction. Providing all of the Phase I samples are non-detect for these two analytes, KNC proposes that the second phase of sampling focus only on total Cr and nitrate + nitrite as N.

As shown in Table 2, unique alphanumeric identifications will be assigned to each sampling location. Sample designation, sampling time and date, sampling personnel, and analyses will also be recorded on the field records, sample labels, and chain-of-custody. All analyses will be completed by a KDHE certified laboratory.

Samples will be collected in accordance with the procedures discussed in the preceding sections. Procedures for the handling and transport of the samples will be in accordance with the recently developed RFI SAP including the chain-of-custody procedures. Samples will be kept in a pre-cooled ice chest until samples are logged, placed on ice, transported to the laboratory.

The sampling results will be compared to threshold levels developed from a background dataset. The background and threshold datasets were developed as part of the RFI SAP. If the measured concentrations are less than the applicable thresholds, no additional vertical or lateral delineation or remediation will be required. Conversely, if concentrations are above threshold levels, additional Phase 2 delineation may be required to determine future actions.

3.0 Reporting

The results of the sampling and analysis will be summarized in a letter report and included in the final RFI project report. The report will include an analysis and interpretation of the laboratory results, recommendations for further action, if needed, and all analytical laboratory results.

Appendix A
Figures

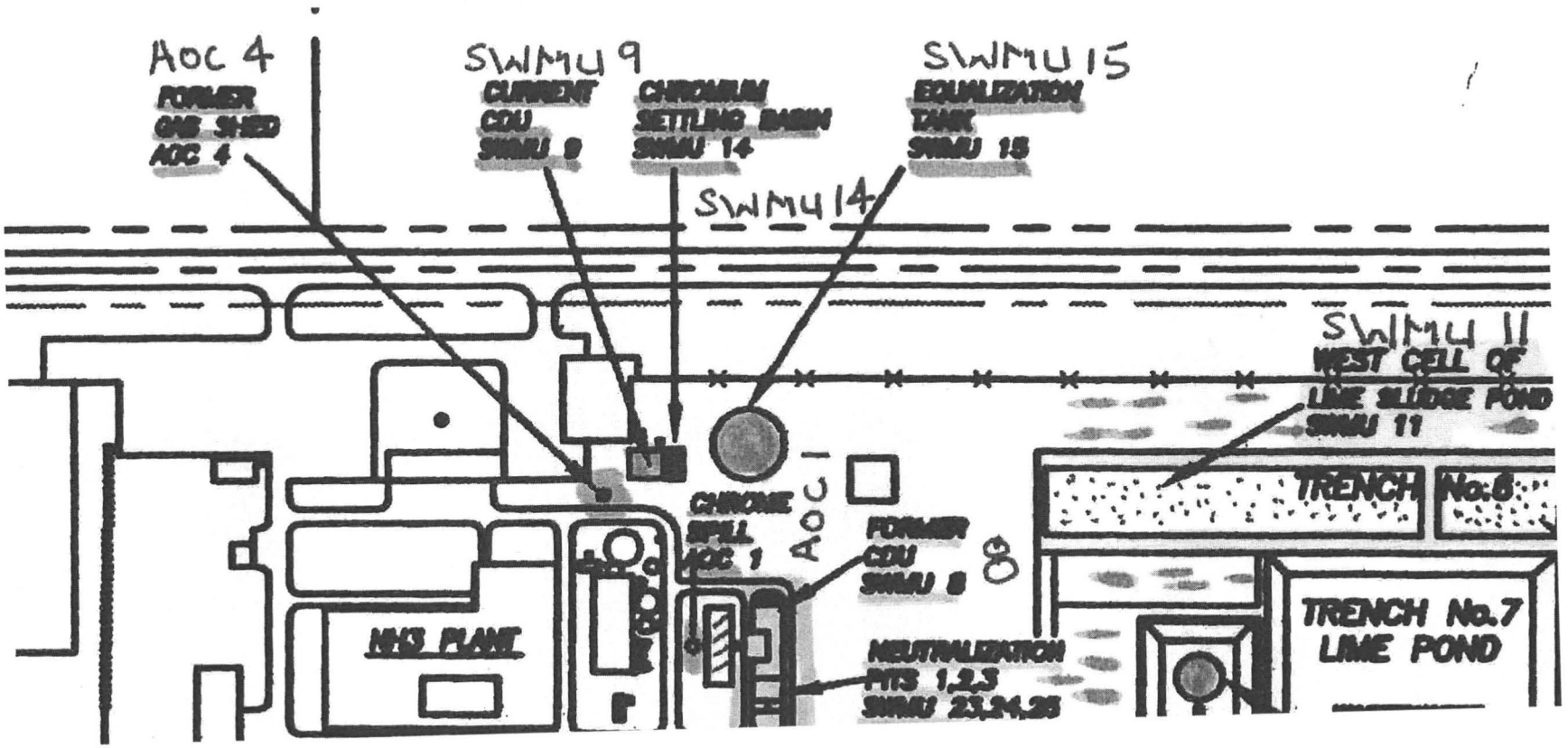


Figure 1 SWMU Location Map

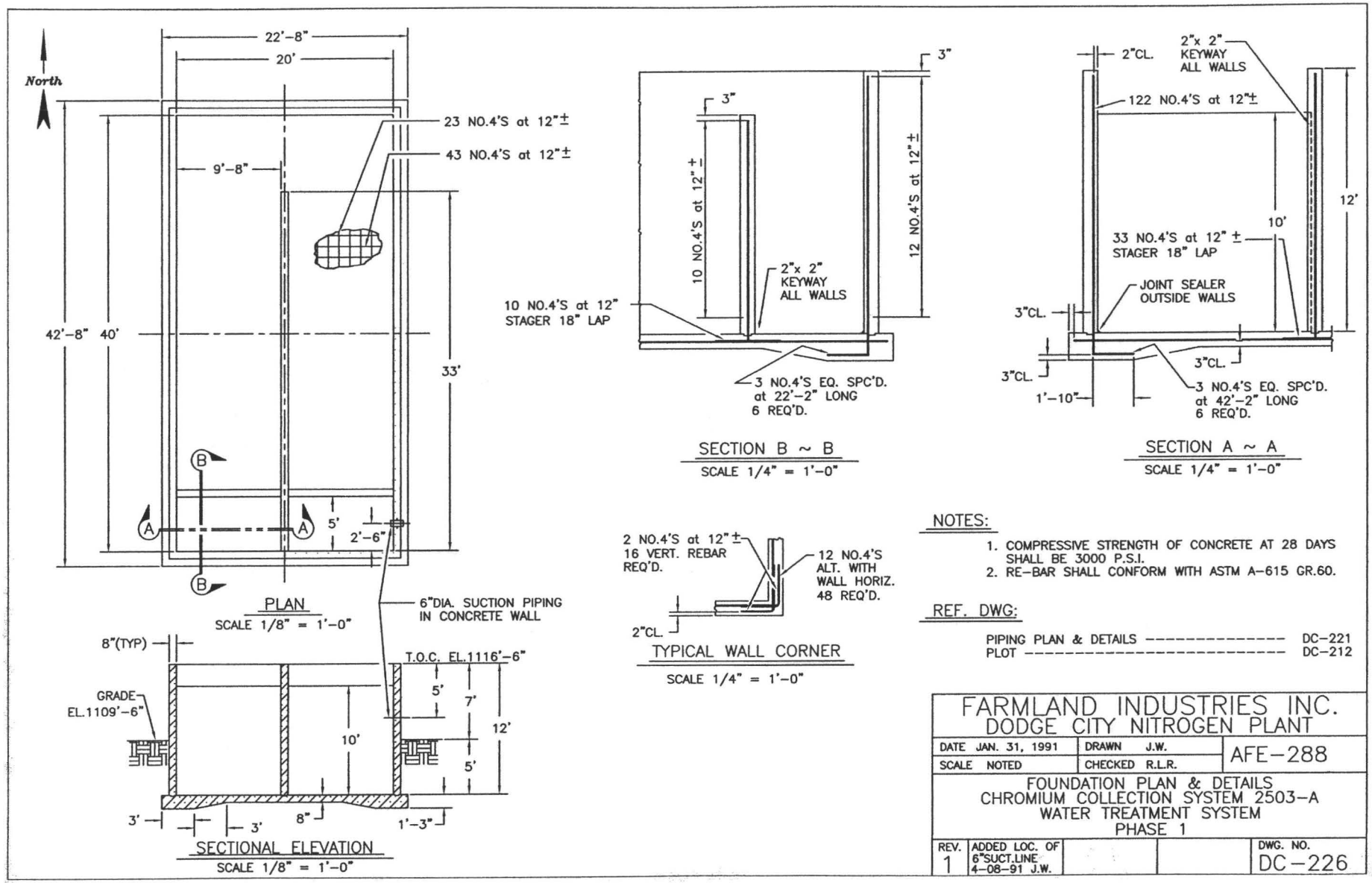
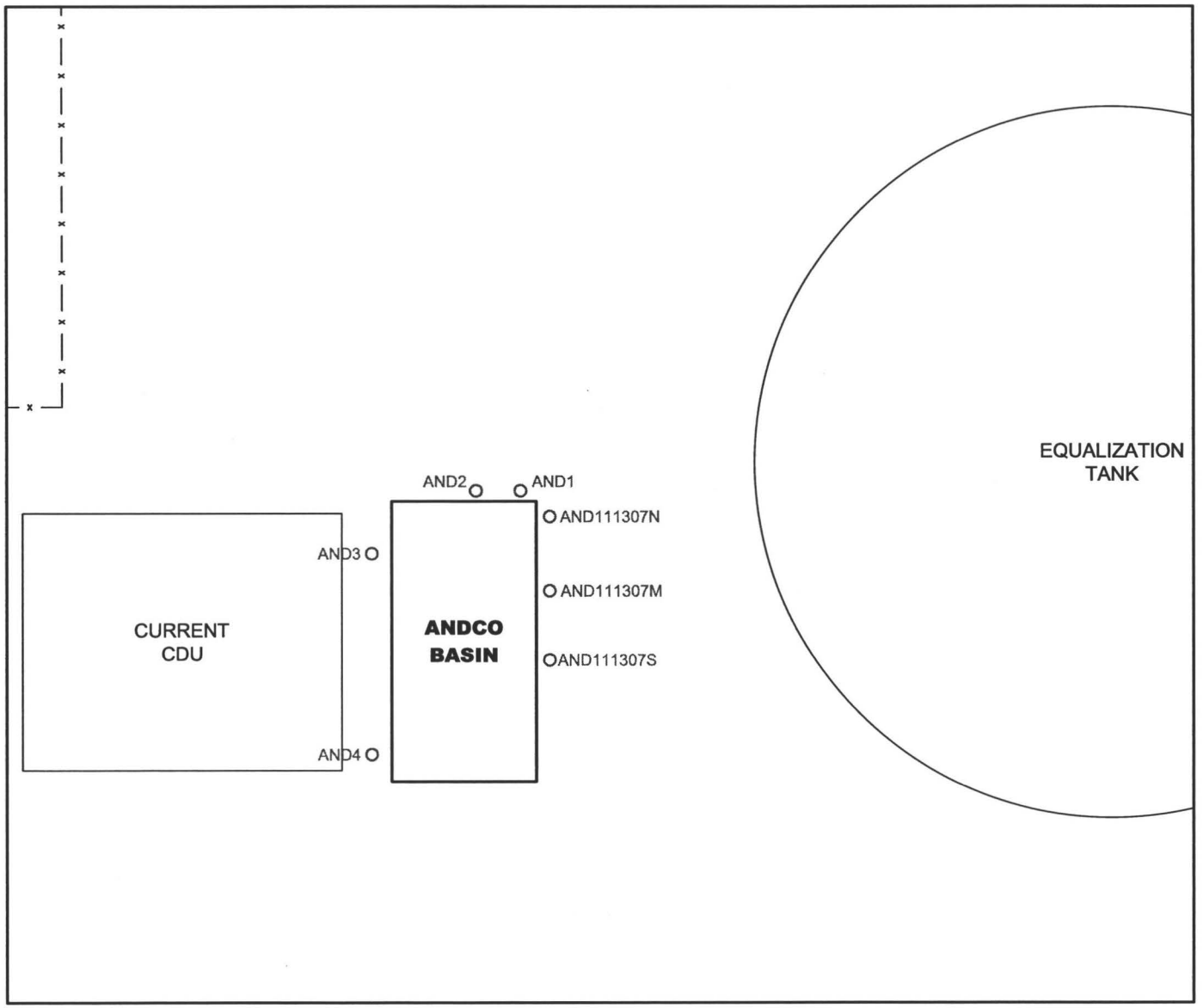
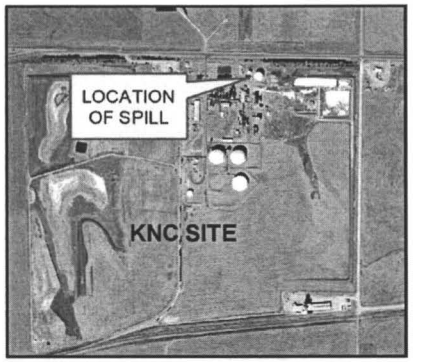


Figure 2 Basin Construction Drawing

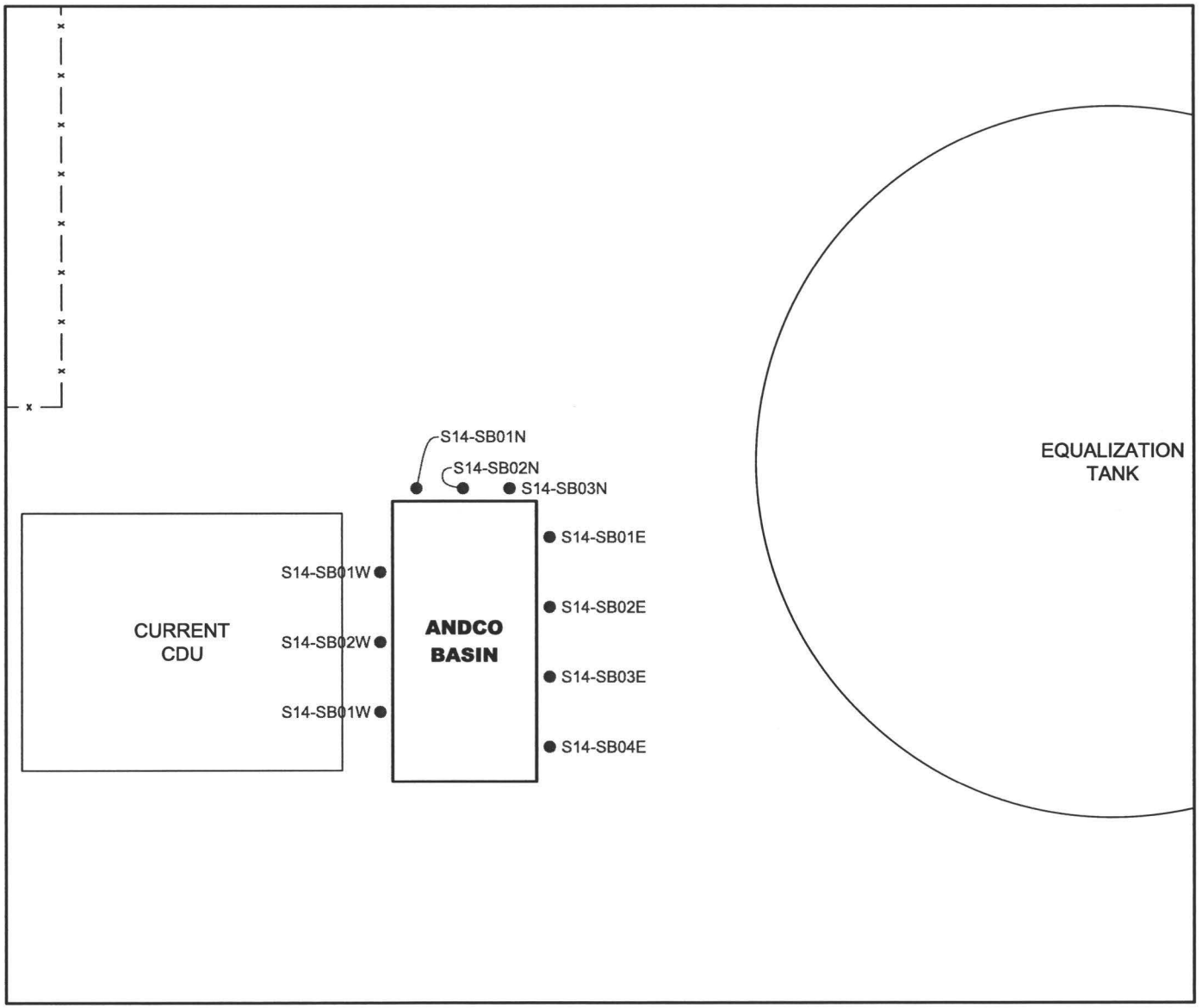


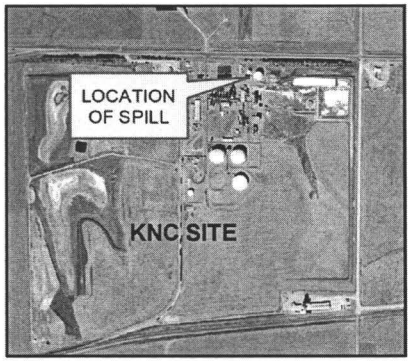


N

LOCATION OF PRELIMINARY SOIL SAMPLES

PREPARED FOR: KOCH NITROGEN COMPANY, 11559 US HIGHWAY 50 - P.O. BOX 1337, DODGE CITY, KS 67801	
PREPARED BY:	
PROJECT NO: FR0760	FIGURE NO: 3
DATE: NOV. 2007	FILE NO:





N

PROPOSED PHASE I SAMPLING LOCATIONS

PREPARED FOR: KOCH NITROGEN COMPANY
11559 US HIGHWAY 50 - P.O. BOX 1337
DODGE CITY, KS 67801

PREPARED BY:

PROJECT NO: FR0760	FIGURE NO: 4
DATE: NOV. 2007	FILE NO:

Appendix B
Laboratory Results

Continental Analytical Services, Inc.

11/28/2007 Page: 1

Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Received: 11/16/2007
Continental File No.: 5731
Continental Order No.: 29508

Dear Ms. Burke:

This laboratory report, consisting of 13 pages, contains the analytical and quality control results for the following samples:

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
07111273	And 1	Solid	11/15/2007
07111274	And 2	Solid	11/15/2007
07111275	And 3	Solid	11/15/2007
07111276	And 4	Solid	11/15/2007
07111277	And 1 ASTM D3987 extract	Liquid	11/20/2007
07111278	And 2 ASTM D3987 extract	Liquid	11/20/2007
07111279	And 3 ASTM D3987 extract	Liquid	11/20/2007
07111280	And 4 ASTM D3987 extract	Liquid	11/20/2007

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

The Appendix and Quality Control sections are an integral part of this report and may contain important data qualifiers. The chain of custody and sample receipt form are also included as attachments to this report.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for 180 days unless Continental is otherwise notified.

Thank you for choosing Continental for this project. If you have any questions please contact me at (800)535-3076.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

Gregory J. Groene
Project Manager

P.O. Box 3737 - 525 N. Eighth St. - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830
KDHE Environmental Laboratory Accreditation No. E-10146

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Sample Rptd: 11/28/2007
Date Sample Recd: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Lab Number: 07111273
Sample Description: And 1

Date Sampled: 11/15/2007
Time Sampled: 1350

Analysis	Concentration	Units	Book/Page
ASTM 3987 Extraction	done	N/A	6334/52
Chromium, Total	24.0	mg/kg	6387/18
Nitrate, as N	7.	mg/kg	6374/54
Nitrate/Nitrite, as N	7.	mg/kg	6374/54
Nitrite, as N	ND(1)	mg/kg	6374/54
Solids, Total	88.7	% by weight	6246/452

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
ASTM 3987 Extraction	11/19/2007	11/19/2007	071119-1	071119-1	JDL	NO METHOD
Chromium, Total	11/16/2007	11/20/2007	071116-6	9IP2323	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrate/Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Solids, Total	N/A	11/19/2007	071119-1	071119-1	SRE	D2216(Mod)
ASTM 3987 DI Leachate Preparation Method						ASTM 3987
ICP Metals Total Preparation Method						3050B

Conclusion of Lab Number: 07111273

Lab Number: 07111274
Sample Description: And 2

Date Sampled: 11/15/2007
Time Sampled: 1355

Analysis	Concentration	Units	Book/Page
ASTM 3987 Extraction	done	N/A	6334/52
Chromium, Total	46.8	mg/kg	6387/18
Nitrate, as N	5.	mg/kg	6374/54
Nitrate/Nitrite, as N	5.	mg/kg	6374/54
Nitrite, as N	ND(1)	mg/kg	6374/54
Solids, Total	88.8	% by weight	6246/452

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)

-Continued-

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Sample Rptd: 11/28/2007
Date Sample Recd: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
ASTM 3987 Extraction	11/19/2007	11/19/2007	071119-1	071119-1	JDL	NO METHOD
Chromium, Total	11/16/2007	11/20/2007	071116-6	9IP2323	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrate/Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Solids, Total	N/A	11/19/2007	071119-1	071119-1	SRE	D2216(Mod)
ASTM 3987 DI Leachate Preparation Method						ASTM 3987
ICP Metals Total Preparation Method						3050B

Conclusion of Lab Number: 07111274

Lab Number: 07111275
Sample Description: And 3

Date Sampled: 11/15/2007
Time Sampled: 1400

Analysis	Concentration	Units	Book/Page
ASTM 3987 Extraction	done	N/A	6334/52
Chromium, Total	30.3	mg/kg	6387/18
Nitrate, as N	7.	mg/kg	6374/54
Nitrate/Nitrite, as N	7.	mg/kg	6374/54
Nitrite, as N	ND(1)	mg/kg	6374/54
Solids, Total	88.6	% by weight	6246/462
Solids, Total	88.6	% by weight	6246/462

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
ASTM 3987 Extraction	11/19/2007	11/19/2007	071119-1	071119-1	JDL	NO METHOD
Chromium, Total	11/16/2007	11/20/2007	071116-6	9IP2323	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrate/Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Solids, Total	N/A	11/27/2007	071119-1	071119-1	SRE	D2216(Mod)
ASTM 3987 DI Leachate Preparation Method						ASTM 3987
ICP Metals Total Preparation Method						3050B

Conclusion of Lab Number: 07111275

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Sample Rptd: 11/28/2007
Date Sample Recd: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Lab Number: 07111276
Sample Description: And 4

Date Sampled: 11/15/2007
Time Sampled: 1405

Analysis	Concentration	Units	Book/Page
ASTM 3987 Extraction	done	N/A	6334/52
Chromium, Total	12.7	mg/kg	6387/18
Nitrate, as N	18.	mg/kg	6374/54
Nitrate/Nitrite, as N	18.	mg/kg	6374/54
Nitrite, as N	ND(1)	mg/kg	6374/54
Solids, Total	91.2	% by weight	6246/452

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
ASTM 3987 Extraction	11/19/2007	11/19/2007	071119-1	071119-1	JDL	NO METHOD
Chromium, Total	11/16/2007	11/20/2007	071116-6	10IP2323	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrate/Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071119-3	071119-6	JAC	300.0
Solids, Total	N/A	11/19/2007	071119-1	071119-1	SRE	D2216(Mod)
ASTM 3987 DI Leachate Preparation Method						ASTM 3987
ICP Metals Total Preparation Method						3050B

Conclusion of Lab Number: 07111276

Lab Number: 07111277
Sample Description: And 1 ASTM D3987 extract

Date Sampled: 11/20/2007
Time Sampled: 1219

Analysis	Concentration	Units	Book/Page
Chromium, Dissolved	ND(0.010)	mg/L	6387/21
Chromium, Total	ND(0.010)	mg/L	6387/21
Nitrate, as N	0.5	mg/L	6374/55
Nitrate/Nitrite, as N	0.5	mg/L	6374/55
Nitrite, as N	ND(0.1)	mg/L	6374/55

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Chromium, Dissolved	11/21/2007	11/21/2007	071121-X	3IP2325	KMW	6010B

-Continued-

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Sample Rptd: 11/28/2007
Date Sample Recd: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Chromium, Total	11/20/2007	11/21/2007	071120-6	1IP2325	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
Nitrate/Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
ICP Metals Total Preparation Method						200.7/3010A
ICP Metals Dissolved Preparation Method						200.7/3005A

Conclusion of Lab Number: 07111277

Lab Number: 07111278
Sample Description: And 2 ASTM D3987 extract

Date Sampled: 11/20/2007
Time Sampled: 1219

Analysis	Concentration	Units	Book/Page
Chromium, Dissolved	ND(0.010)	mg/L	6387/21
Chromium, Total	0.014	mg/L	6387/21
Nitrate, as N	0.3	mg/L	6374/55
Nitrate/Nitrite, as N	0.3	mg/L	6374/55
Nitrite, as N	ND(0.1)	mg/L	6374/55

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Chromium, Dissolved	11/21/2007	11/21/2007	071121-X	3IP2325	KMW	6010B
Chromium, Total	11/20/2007	11/21/2007	071120-6	1IP2325	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
Nitrate/Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
ICP Metals Total Preparation Method						200.7/3010A
ICP Metals Dissolved Preparation Method						200.7/3005A

Conclusion of Lab Number: 07111278

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Sample Rptd: 11/28/2007
Date Sample Recd: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Lab Number: 07111279
Sample Description: And 3 ASTM D3987 extract

Date Sampled: 11/20/2007
Time Sampled: 1219

Analysis	Concentration	Units	Book/Page
Chromium, Dissolved	ND(0.010)	mg/L	6387/21
Chromium, Total	ND(0.010)	mg/L	6387/21
Nitrate, as N	0.2	mg/L	6374/55
Nitrate/Nitrite, as N	0.2	mg/L	6374/55
Nitrite, as N	ND(0.1)	mg/L	6374/55

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Chromium, Dissolved	11/21/2007	11/21/2007	071121-X	3IP2325	KMW	6010B
Chromium, Total	11/20/2007	11/21/2007	071120-6	1IP2325	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
Nitrate/Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
ICP Metals Total Preparation Method						200.7/3010A
ICP Metals Dissolved Preparation Method						200.7/3005A

Conclusion of Lab Number: 07111279

Lab Number: 07111280
Sample Description: And 4 ASTM D3987 extract

Date Sampled: 11/20/2007
Time Sampled: 1219

Analysis	Concentration	Units	Book/Page
Chromium, Dissolved	ND(0.010)	mg/L	6387/21
Chromium, Total	ND(0.010)	mg/L	6387/21
Nitrate, as N	0.8	mg/L	6374/55
Nitrate/Nitrite, as N	0.8	mg/L	6374/55
Nitrite, as N	ND(0.1)	mg/L	6374/55

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Chromium, Dissolved	11/21/2007	11/21/2007	071121-X	3IP2325	KMW	6010B
Chromium, Total	11/20/2007	11/21/2007	071120-6	2IP2325	KMW	6010B
Nitrate, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0

-Continued-

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Sample Rptd: 11/28/2007
Date Sample Recd: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Analysis	Date Prepared	Date Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Nitrate/Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
Nitrite, as N	N/A	11/20/2007	071120-1	071120-1	JAC	300.0
ICP Metals Total Preparation Method						200.7/3010A
ICP Metals Dissolved Preparation Method						200.7/3005A

Conclusion of Lab Number: 07111280

ND(), where noted, indicates none detected with the reporting limit in parentheses.

APPENDIX

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Sample Rptd: 11/28/2007
Date Sample Recd: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

All samples were received at the recommended temperature of less than 6 degrees Celsius.

The following table presents the date and time sampled, the date and time analyzed, and the total time elapsed for each analysis with an EPA recommended holding time of forty-eight hours or less

CAS LAB ID #	ANALYSIS	DATE/TIME SAMPLED	DATE/TIME ANALYZED	ELAPSED HRS:MIN
07111277	Nitrate, as N	11/20/2007 1219	11/20/2007 1755	5:36
07111277	Nitrate/Nitrite, as N	11/20/2007 1219	11/20/2007 1755	5:36
07111277	Nitrite, as N	11/20/2007 1219	11/20/2007 1755	5:36
07111278	Nitrate, as N	11/20/2007 1219	11/20/2007 1809	5:50
07111278	Nitrate/Nitrite, as N	11/20/2007 1219	11/20/2007 1809	5:50
07111278	Nitrite, as N	11/20/2007 1219	11/20/2007 1809	5:50
07111279	Nitrate, as N	11/20/2007 1219	11/20/2007 1824	6:05
07111279	Nitrate/Nitrite, as N	11/20/2007 1219	11/20/2007 1824	6:05
07111279	Nitrite, as N	11/20/2007 1219	11/20/2007 1824	6:05
07111280	Nitrate, as N	11/20/2007 1219	11/20/2007 1839	6:20
07111280	Nitrate/Nitrite, as N	11/20/2007 1219	11/20/2007 1839	6:20
07111280	Nitrite, as N	11/20/2007 1219	11/20/2007 1839	6:20

---

d - Radiological detection limit is noted after the letter d.

Quality Control Report
Batch Summary

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Reported: 11/28/2007
Date Sample Received: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Test	Testname	QC Batch	Method Blank	LCS	MS Lab No.
SL308	Chromium, Total	071116-6	071116BLK6	071116LCS6	07110976MS
Lab numbers associated with this batch: 07111273 07111274 07111275 07111276					
SL603	ASTM 3987 Extraction	071119-1			
Lab numbers associated with this batch: 07111273 07111274 07111275 07111276					
SL308	Chromium, Total	071120-6	071120BLK6	071120LCS6	07111280MS
Lab numbers associated with this batch: 07111277 07111278 07111279 07111280					
SL208	Chromium, Dissolved	071121-X	071121BLKX	071121LCSX	07111047MS
Lab numbers associated with this batch: 07111277 07111278 07111279 07111280					
GL505	Nitrate, as N	071119-3	071119BLK3	071119LCS3	07110517MS
Lab numbers associated with this batch: 07111273 07111274 07111275 07111276					
GL505	Nitrate, as N	071120-1	071120BLK1	071120LCS1	07111035MS
Lab numbers associated with this batch: 07111277 07111278 07111279 07111280					
GL510	Nitrate/Nitrite, as N	071119-3	071119BLK3	071119LCS3	07110517MS
Lab numbers associated with this batch: 07111273 07111274 07111275 07111276					
GL510	Nitrate/Nitrite, as N	071120-1	071120BLK1	071120LCS1	07111035MS
Lab numbers associated with this batch: 07111277 07111278 07111279 07111280					
GL503	Nitrite, as N	071119-3	071119BLK3	071119LCS3	07110517MS
Lab numbers associated with this batch: 07111273 07111274 07111275 07111276					
GL503	Nitrite, as N	071120-1	071120BLK1	071120LCS1	07111035MS
Lab numbers associated with this batch: 07111277 07111278 07111279 07111280					

Continental Analytical Services, Inc.

Quality Control Report
Batch Summary

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Reported: 11/28/2007
Date Sample Received: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Test	Testname	QC Batch	Method Blank	LCS	MS Lab No.
GL244	Solids, Total	071119-1	071119BLK1	071119LCS1	07111066MS
Lab numbers associated with this batch: 07111273 07111274 07111275 07111276					
GL244	Solids, Total	071127-1	071127BLK1	071127LCS1	07111670MS
Lab numbers associated with this batch: 07111275					

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Reported: 11/28/2007
Date Sample Received: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 071116-6	**For samples prepared on: 11/16/2007**					**Spiked sample: 07110976**						
Chromium, Total	ND(1.0)	104	85.0-115	50.0	mg/kg	MN	MN	63.8-117	62.0	mg/kg	**	16.8
QC Batch: 071119-1	**For sample analyzed on: 11/19/2007**					**Spiked sample: 07111066**						
Solids, Total	100.	N/A	#		% by we	MN	MN	#		% by we	**	2.1
QC Batch: 071119-3	**For sample analyzed on: 11/20/2007**					**Spiked sample: 07110517**						
Nitrite, as N	ND(1)	102.	90.0-110	20.0	mg/kg	MN	MN	#	20.0	mg/kg	**	#
Nitrate, as N	ND(1)	101.	90.0-110	20.0	mg/kg	MN	MN	71.0-118	20.0	mg/kg	**	22.1
Nitrate/Nitrite, as N	ND(1)	102.	90.0-110	40.0	mg/kg	MN	MN	74.3-117	40.0	mg/kg	**	9.6
QC Batch: 071120-1	**For sample analyzed on: 11/20/2007**					**Spiked sample: 07111035**						
Nitrite, as N	ND(0.1)	104.	90.0-110	2.0	mg/L	MN	MN	71.5-114	10.0	mg/L	**	9.4
Nitrate, as N	ND(0.1)	102.	90.0-110	2.0	mg/L	MN	MN	83.7-114	10.0	mg/L	**	8.6
Nitrate/Nitrite, as N	ND(0.1)	103.	90.0-110	4.0	mg/L	MN	MN	67.7-119	20.0	mg/L	**	8.6
QC Batch: 071120-6	**For samples prepared on: 11/20/2007**					**Spiked sample: 07111280+**						
Chromium, Total	ND(0.010)	105	85.0-115	0.5	mg/L	104	100	90.3-109	0.5	mg/L	3.9	4.9
QC Batch: 071121-X	**For samples prepared on: 11/21/2007**					**Spiked sample: 07111047**						
Chromium, Dissolved	ND(0.010)	96.8	85.0-115	0.5	mg/L	MN	MN	89.7-106	0.5	mg/L	**	3.3
QC Batch: 071127-1	**For sample analyzed on: 11/27/2007**					**Spiked sample: 07111670**						
Solids, Total	100.	N/A	#		% by we	MN	MN	#		% by we	**	2.1

Data Qualifiers:
MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

N/A - Not Applicable

- Limits not available.

** - RPD cannot be calculated.

+ - The MS/MSD sample analyses were performed on this sample from this Continental order number.

-Conclusion Quality Control Report-

Quality Control Report
Continuing Calibration Verification Data Summary

Client: Koch Nitrogen
Attn: AnnieLaurie Burke
P.O. Box 1337
Dodge City, KS 67801-1337

Date Reported: 11/28/2007
Date Sample Received: 11/16/2007
Continental File No: 5731
Continental Order No: 29508

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
Chromium	11/20/2007	10IP2323	No data qualifiers present for this analysis.			
Chromium	11/20/2007	11IP2323	No data qualifiers present for this analysis.			
Chromium	11/21/2007	1IP2325	No data qualifiers present for this analysis.			
Chromium	11/21/2007	2IP2325	No data qualifiers present for this analysis.			
Chromium	11/21/2007	3IP2325	No data qualifiers present for this analysis.			
Chromium	11/21/2007	4IP2325	No data qualifiers present for this analysis.			
Chromium	11/20/2007	9IP2323	No data qualifiers present for this analysis.			
Nitrite, as N	11/20/2007	071119-6	No data qualifiers present for this analysis.			
Nitrite, as N	11/20/2007	071119-7	No data qualifiers present for this analysis.			
Nitrite, as N	11/20/2007	071120-1	No data qualifiers present for this analysis.			
Nitrite, as N	11/20/2007	071120-2	No data qualifiers present for this analysis.			
Nitrate, as N	11/20/2007	071119-6	No data qualifiers present for this analysis.			
Nitrate, as N	11/20/2007	071119-7	No data qualifiers present for this analysis.			
Nitrate, as N	11/20/2007	071120-1	No data qualifiers present for this analysis.			
Nitrate, as N	11/20/2007	071120-2	No data qualifiers present for this analysis.			
Nitrate/Nitrite, as N	11/20/2007	071119-6	No data qualifiers present for this analysis.			
Nitrate/Nitrite, as N	11/20/2007	071119-7	No data qualifiers present for this analysis.			
Nitrate/Nitrite, as N	11/20/2007	071120-1	No data qualifiers present for this analysis.			
Nitrate/Nitrite, as N	11/20/2007	071120-2	No data qualifiers present for this analysis.			

- Laboratory Report Conclusion -

Continental Analytical Services, Inc.
Cooler / Sample Receipt Form

CAS SAMPLE RECEIVING DEPT.

Client Name: Koch Nitrogen **CAS File No.:** S731 **CAS Order No.:** 29508

Sample ID:

Sample ID: Soil

Cooler 1 **of** 1 **for this CAS Order No.**

Cooler Identification: CAS Cooler #:_____ (Client's Cooler/Box/Letter/Hand Delivered)
Other:_____

Date/Time Cooler Received: 11 / 16 / 07 9 : 00

Delivered By: (UPS/FedX/DHL/ASAP/Land Air Exp/Field Svcs/Mail/Walk-In/Other:_____

Custody Seal: (Present: Intact / Broken) Absent:____ Seal No: 027710

Seal Name: CN Seal Date: 11-15-07

Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice/Ice/(Bubble)/Foam/Paper/Peanuts/Vermiculite/ None/Other:_____

Cooler Temperature (°C): Original Reading (°C) 0.1 Corrected Reading (°C) 0.6

Temp. By: Temp. Blank X Surface _____ Glass/Plastic/Metal/Other:_____

Thermo. ID No.: SY Thermo. Correction Factor (°C): 0.5

Sample Receipt Discrepancies: ☐ Yes ☒ No

[Note: CAS will proceed with sample analyses, addressing each discrepancy as shown, until/unless directed otherwise by the client.]

- ☐ Chain of Custody not present
- ☐ Information obtained from sample container/P.O./letter received with sample/other:_____
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing time sampled
- ☐ Time sampled obtained from container label
- ☐ Chain of Custody missing date sampled
- ☐ Date sampled obtained from container label
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers
- ☐ Other discrepancies:_____

Detail to discrepancies/Comments:_____

This section completed by CAS Sample Receiving Dept.: TMJ **Date Completed:** 11-16-07

CAS PROJ. MGMT.

Did CAS inform client of discrepancies? Yes No (N/A) Date informed:_____ Informed by:_____

Who was informed? [If different from client contact on cover sheet]:_____

How was client informed?: Phone / Fax / Mail / E-mail / Other:_____

Sent Cooler/Sample Receipt Form?: (Yes) No Sent Test Assignment Review Sheets?: (Yes) No

[Note: CAS will proceed with sample analyses, addressing each discrepancy as shown, until/unless directed otherwise by the client.]

If cooler temperature was exceeded, does CAS have client's authorization to proceed on file? Yes No PM:_____ Date:_____

Action:_____ PM:_____ Date:_____

Action:_____ PM:_____ Date:_____

Action:_____ PM:_____ Date:_____

This section reviewed by CAS Project Management: _____ **Date Reviewed:** 11/16/07

Continental Analytical Services, Inc.

525 N. 8th Street, Salina, KS 67401
(785)827-1273 (800)535-3076 Fax (785)823-7830
www.cas-lab.com

CHAIN OF CUSTODY RECORD

Continental ~~Shipping~~ Order Number: 29508

JMS 11/16/07

Client/Reporting Information	Invoice Information
Company Name: KOCH NITROGEN COMPANY	Company Name: KOCH NITROGEN COMPANY
Address: 11559 US HWY 50 PO BOX 1337	Address: 11559 US HWY 50 PO BOX 1337
City: DODGE CITY State: KS Zip: 67801	City: DODGE CITY State: KS Zip: 67801
Contact:AnnieLaurie Burke E-mail: burkea@kochind.com	Contact:AnnieLaurie Burke E-mail: burkea@kochind.com
Phone Number: (620)227-8631 EXT. 120 Phone Number: (620)227-8631 EXT. 350	Phone Number: (620)227-8631 x350 Phone Number: (620)227-8631

Sampler's Name: Cory Zellers

Sampler's Name:(Signature)

Purchase Order Number:

Project Number:

Project Name:

SAMPLE IDENTIFICATION (30 Characters or less)	Matrix (Sample Type)	Regulatory Program	Date Sampled	Time Sampled	C-Composite G-Grab	Total Containers	Number of Preserved Bottles: HCL	NaOH	HNO3	H2SO4	NONE	OTHER:	PARAMETERS/CONTAINER TYPE: Total Cr, NO3/NO2, Total NO3, Total NO2, ASTM DI Extract Total Cr, ASTM DI Extract Total NO3, ASTM DI Extract Total NO2	COMMENTS:
And1	S	R	11/15/2007	1350	G	2					2		X	Emergency TAT
And2	S	R	11/15/2007	1355	G	2					2		X	Emergency TAT
And3	S	R	11/15/2007	1400	G	2					2		X	Emergency TAT
And4	S	R	11/15/2007	1405	G	2					2		X	Emergency TAT

Regulatory Program: N=NPDES, R=RCRA, D=Drinking Water, SL=503 Sludge, O=Other

(Please note if non-standard turnaround. Rush & Emergency subject to additional charge)
Standard TAT: (15 working days) Rush TAT: (5 working days) Emergency TAT: (3 working days)

Matrix (Sample Type): DW=Drinking Water, GW=Ground Water, WW=Waste Water, W=Wipe, S=Solid/Soil, SL=Sludge, A=Air, OL = Oil/Organic Liquid, O=Other

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
	11-15-07	1500			
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
RECEIVED AT LAB BY:	DATE:	TIME:	SHIPPED VIA:	SEAL #:	
	11-16-07	9:00	AIRBILL:	SEAL DATE:	