



IOWA UNDERGROUND STORAGE TANK FUND

Douglas M. Beech, *Chairperson*

Dale T. Cira, *Administrator*

Board Members: Michael L. Fitzgerald Joseph D. Barry Jeff. W. Robinson Karen E. Andeweg Chuck Gipp
 Timothy L. Gartin Dawn M. Carlson Patricia J. Beck N. Kurt Mumm

NOTICE OF PUBLIC MEETING

A public meeting of the Iowa Comprehensive Petroleum Underground Storage Tank Fund Board has been scheduled for 10:00 A.M., Friday, January 23, 2015. The meeting will be held at the **State Capitol Building, 1005 East Grand Avenue, Room 15, Des Moines, IA 50319.**

The tentative agenda for the meeting is as follows:

10:00 a.m. Call to Order

1. Approval of Prior Board Minutes
2. Closed Session Discussion of Pending and Imminent Litigation (To adjourn by 10:30 am)
3. Public Comment Period
4. Board Issues
 - A. Actuarial Study Update
 - B. Legislative Update
 - C. FY 2015, 2nd Quarter Summary
 - D. Aon Incentive Plan Proposal
 - E. DNR Update
5. Approval of Program Billings
6. Monthly Activity Report and Financials Reviewed
7. Attorney General's Report
8. Claim Payment Approval
9. Contracts Entered Into Since December 11, 2014 Board Meeting
10. Other Issues as Presented
11. Correspondence and Attachments

Approval of Prior Board Minutes



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N. Kurt Mumm

MINUTES IOWA COMPREHENSIVE PETROLEUM UNDERGROUND STORAGE TANK FUND PROGRAM

DECEMBER 11, 2014

CONFERENCE ROOM
STATE CAPITOL BUILDING
1005 EAST GRAND AVENUE, ROOM 15
DES MOINES, IOWA

Doug Beech, Board Chair, called the Iowa UST Fund Board meeting to order at 10:00 A.M. A quorum was present, with the following Board members present:

Karen Andeweg
Joseph Barry
Patricia Beck
Dawn Carlson
Stephanie Devin (for Michael Fitzgerald)
Timothy Gartin
Tim Hall (for Chuck Gipp)
N. Kurt Mumm
Jeff Robinson

Also present were:

David Steward, Attorney General's Office
Dale Cira, Administrator
James Gastineau, Deputy Administrator
Elaine Douskey, Iowa Department of Natural Resources

APPROVAL OF PRIOR BOARD MINUTES

Mr. Beech inquired if the members had reviewed the minutes and if there were any items for discussion. Hearing none, Mr. Mumm motioned to approve the minutes of the October 23, 2014 meeting and Mr. Hall seconded the motion. The minutes were approved unanimously.

CLOSED SESSION

Mr. Beech noted there were no matters dealing with litigation for discussion in closed session pursuant to Iowa Code Chapter 21.

PUBLIC COMMENT

No public comments were presented.

BOARD ISSUES

A. Actuarial Study Update

Mr. Cira provided an overview of the status of the actuarial study noting a meeting was held on November 17, 2014 with Taylor & Mulder, Inc. to start the review. He noted that information regarding the Iowa Comprehensive Petroleum UST Program, status of program files, and a planned schedule were reviewed in the meeting. He also reported a second status call was conducted on December 2, 2014, with the same parties to answer questions about the data and unique terminology / program elements in the Iowa program.

Mr. Cira noted that a representative from Taylor & Mulder, Inc. will be in Des Moines sometime in the first two weeks of January 2015 to review some of the actual claim files and that they expect to have a preliminary report to the Administrator prior to the January Board Meeting. A representative from Taylor & Mulder will then present their findings at the February Board meeting.

In discussing the expected outcome of the review, it was noted that the report should communicate the results of the analysis, what the funding needs are by the sunset date, and what the perspective is for claim status through the remainder of the program. It was noted that Taylor & Mulder will be giving raw numbers and clarifying what the numbers mean, and will also provide a series of findings and recommendations for the Board to consider.

B. Legislative Update

Mr. Gastineau presented information noting that the 2015 Iowa Legislative Session will begin on January 12, 2015. He noted that revenues appear sufficient to avoid the threat of diversion of funds to fill any one-time fundings/transfers. He also noted that the Administrator's office will monitor the session and noted that any issues that may affect the Board will be reported.

C. Reauthorization of the Iowa UST Operator Data Management System

Mr. Gastineau presented information related to this program noting that the Board, after a competitive bid process, entered into an agreement with Iowa State University Department of Environmental Health and Safety to develop, implement and operate a data management system with the intent to provide UST owners and operators a single portal to track those in their own company who have been trained as a UST Operator and, if needed, obtain Class C Operator

training for their employees at no additional cost. Mr. Gastineau noted that the use of the data management system and the optional Class C UST Operator training course has been used less than anticipated but noted that there are several firms that do use the system. He also noted that in recent communication with the Department, that they expressed the desire to see the management system and the free Class C UST Operator training program be kept intact and available for Iowa owners and operators.

Mr. Gastineau noted that the original costs for the system and the third year of its operation have been just over \$57,000 and the proposed cost to extend the contract for another year is \$18,610. He also noted that to date, there have been 349 users and 300 instances where the training module has been used.

After discussion on the use of the system, the likelihood of future use, and the availability of Class C training at a low cost to the public, no motion was made to extend the term of the agreement with Iowa State University for the Iowa UST Data Management System. Mr. Gastineau noted that current agreement will end on January 15, 2015.

D. Reauthorization of CRPCA 1007-40 Contractor Agreement

Mr. Gastineau presented information noting that the State Lead project involves two sites in the City of Akron with commingled contaminant plumes. The project is a continuation of a prior State Lead project (2004-2010) involving the same sites. He noted that the current contract period extends through December 15, 2014.

It was noted that the two sites are designated high risk due to proximity of the contaminant plumes to the municipal water well field and to one private water well. In 2010, remediation was initiated to address the recalcitrant contaminants that remained following earlier remediation activities. The current activities include use of an ozone injection system with monitoring to evaluate the remediation progress. Data has shown that the remediation is progressing and continued operation of the system is recommended.

Mr. Gastineau noted that at this time it is requested that the Board authorize the second of three possible 12-month extensions so as to allow Geotek Engineering & Testing Services to continue the remediation work thru December 2015.

Mr. Hall inquired if this was solely a time extension, and Mr. Gastineau acknowledged that no funding was requested at this time. Mr. Hall moved to approve the time extension and Ms. Andeweg seconded the motion. The motion was passed unanimously.

E. DNR Update

Ms. Elaine Douskey reported the DNR still has two vacant job openings in their section and are looking to fill the positions in the coming months. She noted that a meeting was held with Dr. LaDon Jones to start the model revisions that DNR IT employees will get together with Dr. Jones to go over the RBCA code. She indicated a couple other meetings are planned in to January.

Ms. Douskey reported that 25 LUST sites have been closed since October 1, 2014 and that there are 859 open LUST sites that still need to be addressed.

PROGRAM BILLINGS

Mr. Gastineau presented the current monthly billings to the Board for approval.

- 1. Aon Risk Services\$104,560.00
Consulting Services December 2014 (FY 2015) -- \$65,560.00
Claims Processing Services December 2014 -- \$39,000.00

- 2. Iowa Attorney General’s Office\$3,461.93
Services provided for Underground Storage Tank Program
October 2014 (FY 2015) Billing

- 3. Iowa Department of Revenue\$4,268.20
Services provided for Underground Storage Tank Program
1st Quarter FY 2015 EPC Collection Billing

- 4. Iowa Attorney General’s Office\$3,867.98
Services provided for Underground Storage Tank Program
November 2014 (FY 2015) Billing

Ms. Andeweg motioned to approve the billings as presented. Ms. Carlson seconded the motion. Motion carried unanimously.

MONTHLY ACTIVITY REPORT

Mr. Gastineau indicated both the October and November 2014 financial reports were provided in the Board packets and there was nothing significant to report. He noted that in the Lien Status Update, changes are highlighted in yellow.

ATTORNEY GENERAL’S REPORT

Mr. Steward stated there was nothing to report.

CLAIM PAYMENT AUTHORITY

Mr. Gastineau presented the following claim authority requests:

- 1. **Site Registration 7910657 – River City Land, LLC, Mason City (1st Board Report)**

The site is not yet classified for risk. Contamination was discovered in June 2014 while completing demolition of the former gas station. Subsequent sampling indicated Tier 1 target levels were exceeded and that the site would be classified high risk. Due to pending redevelopment of the site, the decision was made to excavate contaminated soils prior to the construction of a new building at the site. The excavation was completed in the early November 2014 but the extent exceeded the initial expectations. The excavation costs will approach the

current authority limit, and its known post-excavation monitoring and the completion of a RBCA investigation will still be required.

Mr. Gastineau noted the projected cost for future work is in the range of \$100,000 to \$125,000+. Mr. Gastineau requested authority be increased to \$125,000.

Mr. Gartin moved to approve the request and Ms. Beck seconded the motion. Motion carried unanimously.

2. Site Registration 8600808 – Goettsch Brothers Realty, Bettendorf (2nd Board Report)

The site is classified high risk for the water line and the soil leaching to protected groundwater source pathways. Significant free product is also present. Contamination in the former UST area behind the building is accessible and will be excavated. Contamination in the former dispenser area in front of the building is in bedrock which cannot be excavated. High vacuum extraction events possibly combined with surfactant injections will be considered to address this area of contamination.

Mr. Gastineau noted the present claim reserve is \$250,000 and costs incurred to date are \$135,287.83. Previous board approval was given in June 2008 for \$135,000. Projected costs are in the range of \$125,000 to \$175,000+. Additional authority to \$300,000 was requested.

Ms. Beck moved to approve the request and Mr. Mumm seconded the motion. Motion carried unanimously.

3. Site Registration 8605509 – City of Eldora (2nd Board Report)

The site is high risk for the soil vapor pathways for residential sewers. An excavation of the former dispenser island location was completed in November 2014. During the excavation, three orphan 500 gallon USTs were discovered and removed. In addition, the size of the excavation was greater than expected but was successful in removing contaminated soils to meet the site target levels. This site is expected to be reclassified to no action required as a result.

Mr. Gastineau noted the present claim reserve is \$160,000; previous Board approval was given in October 2014 for costs up to \$125,000. Projected total costs are in the range of \$145,000 to \$230,000+. Additional authority to \$200,000 was requested.

Ms. Carlson moved to approve the request and Mr. Hall seconded the motion. Motion carried unanimously.

4. Site Registration 8607575 – Valley Restaurant, Inc., Villisca (4th Board Report)

Mr. Gastineau presented information on this site as a follow-up to the discussion in October 2014. The site is high risk for the groundwater ingestion pathway for proximity to the Villisca municipal water wells, vapor pathway and water line pathway. The site is low risk for the potential vapor and groundwater ingestion pathways. Historically, two municipal wells were taken out of use after being impacted by petroleum contamination. Remedial efforts at the site have included an excavation and the operation of an air sparge/vapor extraction system which appears to have some

success. In October 2014, another city well was identified as impacted. Efforts are underway to determine the source of the contamination however it is likely that this site is a contributing source. Solutions may include replacement of the city well and/or further cleanup down gradient of the site.

A discussion was held regarding the interesting nature of this claim in that fumes were in the water treatment plant and had reportedly been so for months but no one had reported it. It was noted that petroleum contamination was also observed in nearby city wells in the 1960's and 1980's. Mr. Hall indicated the field office personnel were frustrated with this site and noted that the original investigation that led to the discovery of petroleum in the city well was due to the report of an ammonia spill in the area. In considering future options, it was noted that it would be important to understand which sites are the likely sources of the contamination so as to ensure proper funding for the remedy selected.

CONTRACTS ENTERED INTO SINCE THE OCTOBER 23, 2014 BOARD MEETING

The Board entered into a contract extension, allowing for continued work through December 31, 2015, for the State Lead Project regarding No Action Required sites with vendors Seneca Environmental Services and Geode Environmental.

The Board entered into an addendum to the Operator Training Reimbursement Agreements to allow for continued reimbursement of vendor costs for the training of Iowa Class A and/or Class B UST Operators through December 31, 2015 with vendors Rounds & Associates, Inc., Practical American Safety Solutions, Antea Group, and with Iowa State University's Department of Environmental Health & Safety.

OTHER ISSUES

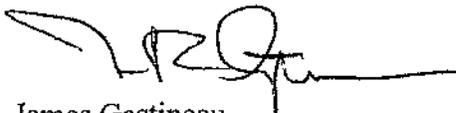
There were no other issues for discussion.

CORRESPONDENCE AND ATTACHMENTS

Mr. Gastineau noted that the correspondence section of the Board packet included recent corrective action meeting notes.

Mr. Beech inquired if there were any further questions and upon hearing none, motioned to adjourn the meeting at 10:45 a.m.

Respectfully Submitted,



James Gastineau
Deputy Administrator

Closed Session

Discussion of Pending and Imminent Litigation

Public Comment

Board Issues

A. Actuarial Study Update

B. Legislative Update

C. FY 2015, 2nd Quarter Summary



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MEMORANDUM

TO: UST Board Members
FROM: Dale T. Cira
DATE: January 16, 2014
SUBJECT: FY 2015, 2nd Quarter Summary

During the 2014 annual strategic planning session, no specific goals other than completion of an actuarial study were put into place. However as progress is still being made on prior goals, the following information is presented as a recap of the 2nd Quarter FY 2015 progress.

No Further Action Certificate Issuance

- The Polk County pilot project has been completed. Of the 110 sites identified, 85 sites have had a NFA certificate filed with Polk County by the Administrator's office.

Identify Sites with Projected Obstacles to Closing within 2016 Time Frame

- As the claim counts continue to decline, there remain open claims with issues that most likely will prevent closure under current rules and/or activities. Stalled sites are being identified and attempts are being made to secure access to allow current data to be collected and if possible, corrective actions completed to address the risks.

Claim Activities (FY 2015, through December 31, 2015)

	<u>New</u>	<u>Re-opened</u>	<u>Closed</u>	<u>Reserve Change</u>
Remedial Claims:	2	3	36	95
Retroactive Claims:	0	0	1	6
Innocent LO Claims:	5	0	10	34
NFA Re-Opener sites:	4	0	6	11
Closure Contract sites:	21	0	12	35

D. Aon Incentive Plan Proposal



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N. Kurt Mumm

Chuck Gipp
N. Kurt Mumm

MEMORANDUM

TO: UST Board Members
FROM: Dale Cira
DATE: January 16, 2015
SUBJECT: Aon Incentive Plan Proposal

In the September 2014 discussion on Aon's contract fee for the 2015 calendar year, information was presented for an optional incentive plan to allow Aon and their contractor, Cunningham Lindsey the opportunity to earn back the fee that had been waived. In the discussion at the time, it was asked that further consideration on the matter be placed on hold until such a time that the full Board could attend and year-end data could be obtained.

As noted earlier, Aon was initially selected as the Administrator in 2000 through a competitive bid process. The program at that time had over 1600 open claims. Aon successfully re-competed for the administration role in 2005 and 2010 – each time offering the most cost-effective and advantageous bid. Over these years, the number of claims to be closed has been fairly steady, averaging approximately 117 per year. The claim dollars expended to close claims has decreased over the years until approximately 2011 when a reversal in the trend was noted.

This trend demonstrates that while the number of claims closed has remained relatively steady, the cost and ultimately the review and processing effort required to close claims, has increased. Finally, with claims closing out at a steady rate, the projected reserves to confidently address all remaining open claims has reduced over time.

In consideration of the decrease in the number of claims, Aon agreed to reduce its fee for the 2015 calendar year by waiving the automatic annual 3.5% rate increase provided by contract and reducing the monthly fee for Claims Processing by 10% for each of the Remedial Claims, Innocent Landowner Fund Claims, and Opt-in Claims categories. This resulted in a monthly fee adjustment downward from a projected \$108,220 to \$98,722 for 2015 – for an annual savings of \$113,972 to the Program.

Goals have been discussed with the Board and Aon at several junctures during our involvement with the Board. To date, a goal has never been proffered or established. In the current contract, a provision exists (Section 5.2 – Incentive Compensation) allowing for an incentive compensation if established goals are achieved.

Aon proposes establishing a goal of 115 statutory* claims to be closed in calendar year 2015 to qualify for an incentive fee as referenced in the contract. Since there is no specific value established by contract, Aon recommends 50% of the cost savings realized to be paid, if earned, to Aon as the incentive-based reward - \$56,986. This incentive will be shared with Aon's partner, Cunningham Lindsey.

An information data table to support the proposed goal of 115 claims is attached for reference. We look forward to the Board's consideration of this opportunity.

*The current open claim count in those categories identified as *statutory* obligations is 560 (at the end of CY 2014). This includes remedial, retroactive, and innocent landowner claims, and also no further action claims.

Aon Contract Incentive Proposal

Data Review

NEW "STATUTORY" CLAIMS					
FY	RM	RT	ILO	NFA	Total
CY 2014	5	0	9	10	24
CY 2013	3	0	12	7	22
CY 2012	4	0	12	9	25
CY 2011	5	0	12	4	21
CY 2010	4	0	16	10	30
CY 2009	3	0	12	7	22
CY 2008	1	0	13	1	15
CY 2007	5	0	18	1	24
CY2006	1	0	21	0	22
CY 2005	4	0	29	0	33
10 yr Ave	3.5	0	15.4	4.9	23.8
Last 5 yr Ave	4.2	0	12.2	8	24.4

Other Claims			Total
GS	TX	CC	Total
2	83	36	145
4	101	30	157
2	88	5	120
2	82	0	105
6	20	2	58
17		4	43
13		5	33
27		6	57
29		8	59
50		15	98
15.2	74.8	11.1	87.5
3.2	74.8	14.6	117

RE-OPENED CLAIMS					
FY	RM	RT	ILO	NFA	Total
CY 2014	10	0	3	0	13
CY 2013	8	0	2	0	10
CY 2012	2	0	1	0	3
CY 2011	8	1	3	0	12
CY 2010	12	0	3	0	15
CY 2009	24	3	9	0	36
CY 2008	18	2	3	0	23
CY 2007	11	1	4	0	16
CY2006	5	2	3	0	10
CY 2005	18	3	3	0	24
10 yr Ave	11.6	1.2	3.4	0.0	16.2
Last 5 yr Ave	8.0	0.2	2.4	0.0	10.6

Other Claims			Total
GS	TX	CC	Total
8	2	1	24
6	6	3	25
4	2	1	10
6	3	8	29
4	0	4	23
7		5	48
13		1	37
8		0	24
17		0	27
16		0	40
8.9	2.6	2.3	28.7
5.6	2.6	3.4	22.2

CLOSED CLAIMS					
FY	RM	RT	ILO	NFA	Total
CY 2014	77	3	25	8	113
CY 2013	71	5	23	12	111
CY 2012	62	4	26	3	95
CY 2011	99	10	33	7	149
CY 2010	97	7	34	1	139
CY 2009	84	13	28	1	126
CY 2008	122	6	35	1	164
CY 2007	105	6	34	0	145
CY2006	207	16	75	1	299
CY 2005	110	9	33	1	153
10 yr Ave	103.4	7.9	34.6	3.5	149.4
Last 5 yr Ave	81.2	5.8	28.2	6.2	121.4

Other Claims			Total
GS	TX	CC	Total
30	63	17	223
32	105	3	251
21	86	1	203
38	60	7	254
36	9	18	202
46		7	179
43		7	214
77		1	223
95		6	400
102		6	261
52	64.6	7.3	241
31.4	64.6	9.2	226.6

Closed "Statutory" Claims for Setting 2015 Goal				
FY	Claims Closed	ReOp <30	Actual Closed	Actual less NFA
CY 2014	113	11	102	94
CY 2013	111	9	102	90
CY 2012	95	1	94	91
CY 2011	149	10	139	132
CY 2010	139	18	121	120
CY 2009	126	23	103	102
CY 2008	164	11	153	152
CY 2007	145	13	132	132
CY 2006	299	3	296	295
CY 2005	153	9	144	143
10-Yr Ave	149.4	10.8	138.6	135.1
5-Yr Aver	121.4	9.8	111.6	105.4
Goal			115	110
Open Claims	(open as of 1-1-2015)		560	543

E. DNR Update

Approval of Program Billings



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MEMORANDUM

TO: UST Board Members
FROM: James Gastineau
DATE: January 16, 2015
SUBJECT: Summary of Bills for Payment

NOTICE

The following is a summary of UST bills requiring Board approval for payment:

1. Aon Risk Services \$97,838.00
 Consulting Services January 2015 -- \$58,838.00
 Claims Processing Services January 2015 -- \$39,000.00

2. Aon Risk Services \$97,838.00
 Consulting Services February 2015 -- \$58,838.00
 Claims Processing Services February 2015 -- \$39,000.00

3. Iowa Attorney General's Office \$3,867.59
 Services provided for Underground Storage Tank Program
 December 2014 (FY 2015) Billing

Iowa Comprehensive Petroleum

Invoice No. 9500000118309

Iowa Comprehensive Petroleum
Underground Storage Tank Fund
2700 Westown Pkwy, #320
West Des Moines IA 50266 USA

Aon Risk Services Central, Inc.
Aon Risk Insurance Services Central, Inc
West Des Moines IA Office
CA License # 0D04043
2700 Westown Parkway, Suite 320
West Des Moines IA 50266
(515) 267-9101 FAX (515) 267-9045



Client Account No. 10756349 **Invoice Date** Jan-13-2015 **Currency** US DOLLAR **Account Executive** James Gastineau

Named Insured	Service Term	Trans. Eff. Date	Description	Amount
Iowa Comprehensive Petroleum	Jan-01-2015 - Jan-01-2016	Jan-01-2015	Renewal - Service Fee	
Comments			Service Fee	58,838.00
Installment 1 of 12 Monthly Fee			Consulting Expense	39,000.00
Payment due 21 days after Transaction Effective Date.				
Thank you for your business!				
TOTAL INVOICE AMOUNT DUE				97,838.00

TO AVOID POTENTIAL DISRUPTION IN YOUR COVERAGE, PAYMENT IS DUE UPON RECEIPT.
Please Make Payable to Aon Risk Services

FATCA Notice: Please go to Aon.com/FATCA to obtain the appropriate W-9.

Please see last page for statement regarding Aon compensation.

Page 1 of 3

Please detach here. Top portion is for your records, bottom portion to be returned with your payment.

Client Account No.	Invoice No.	Invoice Date	Currency	Amount Due
10756349	9500000118309	Jan-13-2015	US DOLLAR	97,838.00

Iowa Comprehensive Petroleum
Underground Storage Tank Fund
2700 Westown Pkwy, #320
West Des Moines IA 50266 USA

Remit to:

Aon Risk Services Central, Inc.
Aon Risk Services Companies, Inc.
75 Remittance Drive - Suite 1943
Chicago IL 60675-1943

Iowa Comprehensive Petroleum

Invoice No. 9500000118310

Iowa Comprehensive Petroleum
Underground Storage Tank Fund
2700 Westown Pkwy, #320
West Des Moines IA 50266 USA

Aon Risk Services Central, Inc.
Aon Risk Insurance Services Central, Inc
West Des Moines IA Office
CA License # 0D04043
2700 Westown Parkway, Suite 320
West Des Moines IA 50266
(515) 267-9101 FAX (515) 267-9045



Client Account No. 10756349 **Invoice Date** Jan-13-2015 **Currency** US DOLLAR **Account Executive** James Gastineau

Named Insured	Service Term	Trans. Eff. Date	Description	Amount
Iowa Comprehensive Petroleum	Jan-01-2015 - Jan-01-2016	Feb-01-2015	Renewal - Service Fee	
Comments				
Installment 2 of 12 Monthly Fee			Service Fee	58,838.00
Payment due 21 days after Transaction Effective Date.			Consulting Expense	39,000.00
Thank you for your business!				
TOTAL INVOICE AMOUNT DUE				97,838.00

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Page 1 of 3

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Client Account No.	Invoice No.	Invoice Date	Currency	Amount Due
10756349	9500000118310	Jan-13-2015	US DOLLAR	97,838.00

Iowa Comprehensive Petroleum
Underground Storage Tank Fund
2700 Westown Pkwy, #320
West Des Moines IA 50266 USA

Remit to:

Aon Risk Services Central, Inc.
Aon Risk Services Companies, Inc.
75 Remittance Drive - Suite 1943
Chicago IL 60675-1943

Monthly Activity Report and Financials Reviewed

A. December 2014 Activities Report

Dec-14

Claims	Open Claims		Open & Closed	
	November Ending	Monthly Net Changes	December Ending	Totals since Inception
RETROACTIVE				
number	30	0	30	447
reserve	\$1,477,392.26	(\$32,051.26)	\$1,445,341.00	\$1,445,341.00
paid	\$6,336,130.02	\$32,051.26	\$6,368,181.28	\$17,662,477.61
total	\$7,813,522.28	\$0.00	\$7,813,522.28	\$19,107,818.61
REMEDIAL				
number	386	(7)	378	4,459
reserve	\$19,979,810.32	\$254,884.86	\$20,234,695.18	\$20,234,695.18
paid	\$72,632,915.01	(\$1,362,713.79)	\$71,280,201.31	\$212,355,892.71
total	\$92,612,725.33	(\$1,097,828.84)	\$91,514,896.49	\$232,590,587.89
INNOCENT LANDOWNER				
number	137	(2)	135	1,129
reserve	\$4,808,306.30	\$153,805.11	\$4,962,111.41	\$4,962,111.41
paid	\$11,244,295.24	(\$190,919.03)	\$11,053,376.16	\$30,086,335.03
total	\$16,052,601.54	(\$37,113.97)	\$16,015,487.57	\$35,048,446.44
GLOBAL OPT-IN				
number	90	(3)	87	1,301
reserve	\$426,264.61	(\$24,283.11)	\$401,881.50	\$401,881.50
paid	\$735,507.03	(\$17,616.89)	\$717,890.14	\$9,696,682.95
total	\$1,161,771.64	(\$42,099.00)	\$1,119,771.64	\$10,098,564.45
UNASSIGNED REVENUE FUND PROJECTS				
number	53	0	53	259
reserve	\$1,324,514.44	\$86,624.00	\$1,411,138.44	\$1,411,138.44
paid	\$371,485.56	(\$25,634.00)	\$344,861.56	\$2,808,641.70
total	\$1,696,000.00	\$60,000.00	\$1,756,000.00	\$4,219,780.14
NFA RE-EVALUATIONS				
number	18	(1)	17	53
reserve	\$376,971.31	(\$30,300.00)	\$346,670.45	\$346,670.45
paid	\$403,028.69	\$90,300.86	\$493,329.55	\$1,073,814.84
total	\$780,000.00	\$60,000.00	\$840,000.00	\$1,420,485.29
TANK PULLS				
number	47	4	51	374
reserve	\$628,407.00	\$45,001.00	\$673,408.00	\$673,408.00
paid	\$11,474.26	(\$11,474.26)	\$	\$3,841,071.93
total	\$639,881.26	\$33,526.74	\$673,408.00	\$4,514,479.93

Corrective Action Meetings (12/18/2014)	
Scheduled:	7
Completed:	1,231
MOA's	487

UST Operator Training	
UST Operators (A / B)	2,937
UST Operators (C)	349
A/B/C (FY2011-15)	\$347,050.00

RT Claims	#
New	0
Reopened	0
Closed	0

RM Claims	#
New	0
Reopened	1
Closed	8

ILO Claims	#
New	2
Reopened	0
Closed	4

GS Claims	#
New	0
Reopened	0
Closed	3

USTCA	#
New	4
Reopened	0
Closed	4

NFA Re-Eval	#
New	1
Reopened	0
Closed	2

Tank Pull	#
New	11
Reopened	0
Closed	7

DNR @ 12-2014	
Total LUST	6501
High Risk	476
Low Risk	183
NAR-FP	77
Not Class.	121
NAR, RNV	5644

Invoice Type Totals	DEC	FYTD	Program to Date
Aon - Admin	\$ 65,560.00	\$ 394,439.57	
Aon - Claims	\$ 39,000.00	\$ 234,000.00	
Government	\$ 23,156.23	\$ 217,866.78	
2004 Tank Pull	\$ -	\$ -	\$ 1,761,013.44
2010 Tank Pull	\$ 87,450.00	\$ 396,238.60	\$ 3,905,098.57
American Soils	\$ -	\$ -	\$ 5,678,422.58
AST Removal	\$ -	\$ -	\$ 3,306,435.24
AST Upgrade	\$ -	\$ -	\$ 7,911,496.87
CADR Charges	\$ -	\$ 54,726.11	\$ 4,572,278.95
Corrective Action	\$ 983.11	\$ 59,100.98	\$ 52,390,180.36
Expenses / OT	\$ 3,600.00	\$ 16,700.00	\$ 283,460.00
Free Prod Recover	\$ 38,754.05	\$ 300,265.77	\$ 10,844,679.92
Monitoring	\$ 159,025.00	\$ 805,390.07	\$ 30,060,886.30
Operations/Maint	\$ 12,050.81	\$ 136,949.42	\$ 10,030,763.82
Over-excavation	\$ 177,962.66	\$ 1,269,240.47	\$ 31,646,735.39
Water Lines	\$ 59,840.85	\$ 202,437.73	\$ 2,416,742.63
Post RBCA Evals	\$ 818.55	\$ 6,189.55	\$ 222,462.86
RBCA	\$ 43,466.55	\$ 188,137.70	\$ 26,324,454.72
Remed Imp/Const.	\$ 62,309.31	\$ 442,235.50	\$ 28,589,119.11
SCR Charges	\$ -	\$ -	\$ 54,217,410.26
Site Check	\$ 2,433.73	\$ 2,433.73	\$ 142,486.32
Soil Disposal	\$ -	\$ -	\$ 738,386.66
Tank (UST) Pull	\$ -	\$ 18,350.00	\$ 3,979,734.25
Tank (UST) Upgrade	\$ -	\$ -	\$ 3,440,849.83
Tier III	\$ 10,550.00	\$ 27,610.58	\$ 1,351,773.02
Utilities	\$ 7,768.63	\$ 65,862.29	\$ 2,033,959.62
Well Closure	\$ 28,538.02	\$ 154,131.59	\$ 3,767,085.69
Total Invoice Types	\$ 695,551.27	\$ 4,146,000.09	\$ 288,665,620

Remediation Budgets Approved to Date		
last month (Dec '14)	1	\$15,960
Trailing 12 mos	38	\$2,528,826
Prev Trail 12 mos	59	\$3,499,266
Total Since Jan 2003	1,152	\$47,823,775

Project Contracts	Open	Closed	Pending
CRP's	8	37	0
Tank Closure	2	5	0
Plastic Water Line	0	2	0

B. December 2014 Financial Report

**IOWA COMPREHENSIVE PETROLEUM UNDERGROUND STORAGE TANK FUND
STATEMENT OF FUND BALANCES
FOR THE MONTH ENDING DECEMBER 31, 2014**

0471 - UST REVENUE FUND (Bonding)

Balance of Fund, December 1, 2014		\$4,028,416.65
Receipts:		
Motor Vehicle Use Tax (IDOT - vehicle registration)	\$3,500,000.00	
Intra State Fund Transfers Received	\$0.00	
Interest Income	\$251.44	
Interest Income - Capital Reserve Fund	\$0.00	
		\$3,500,251.44
Disbursements:		
Bond Interest Payment	\$0.00	
Bond Principal Payment	\$0.00	
EPC Charges	\$0.00	
Adjustments	\$0.00	
Transfer to General Fund	\$0.00	
Transfer to Unassigned Revenue Fund (0450)	\$0.00	
Transfer to Innocent Landowner Fund (0485)	\$0.00	
Transfer to Remedial Non-Bonding Fund (0208)	\$0.00	
		\$0.00
Balance of Fund, December 31, 2014		\$7,528,668.09

0450 - UST UNASSIGNED REVENUE FUND (Non-Bonding)

Balance of Fund, December 1, 2014		\$10,871,237.54
Receipts:		
Request for Proposal Fees	\$0.00	
Copying/Filing Fees	\$0.00	
Fines & Penalties	\$0.00	
Refund/Overpayment	\$0.00	
Transfer From UST Revenue Fund (0471)	\$0.00	
Compensation for Pooled Money Investments	\$0.00	
Amort / Accretion	\$0.00	
Buys/ Sells	\$0.00	
Interest Income	\$7,434.06	
		\$7,434.06
Disbursements:		
UST Administrator's Fees	\$104,560.00	
Adjustment	\$0.00	
Attorney General's Fees	\$7,329.91	
Attorney's Fees: Cost-Recovery Administration	\$0.00	
Cost Recovery Expense (i.e. Lien Filing, Overpayment Refund)	\$0.00	
Actuarial Fees	\$0.00	
Auditor of the State Fees	\$0.00	
Bond Trustee's Fees - Bankers Trust	\$0.00	
Claim Settlement	\$0.00	
Custodial Fees - BONY	\$0.00	
Department of Revenue EPC Collection Fees	\$4,268.20	

**IOWA COMPREHENSIVE PETROLEUM UNDERGROUND STORAGE TANK FUND
STATEMENT OF FUND BALANCES
FOR THE MONTH ENDING DECEMBER 31, 2014**

Innovative Technology	\$0.00	
Inspection & Appeals Service Fees	\$0.00	
Legal and Professional Fees	\$0.00	
Postage / Printing / Miscellaneous	\$0.00	
Professional Admin Services (Investments)	\$0.00	
Professional Services - Owner/Operator Training	\$3,600.00	
Rebate	\$0.00	
Special Project Claims - Closure Contract Project	\$19,733.00	
Travel Expenses-UST Board Members	\$0.00	
Warrant Float Expense	\$0.00	
28E Agreement - DNR Plume Study	\$0.00	
Statutory Transfer to DNR (technical review - recurring)	\$0.00	
Statutory Transfer to IDAL (fuel quality inspections - recurring)	\$0.00	
Appropriation 2014	\$0.00	
Appropriation 2015	\$11,558.42	
Transfer of Funds to Innocent Land Owners	\$0.00	
		\$151,049.53
Balance of Fund, December 31, 2014		\$10,727,622.07

0208 - UST REMEDIAL NON-BONDING FUND

Balance of Fund, December 1, 2014		\$5,657,622.31
Receipts:		
Remedial Refunds	\$0.00	
Misc. Income (i.e. eligibility settlements)	\$0.00	
Interest Income	\$0.00	
Transfer From UST Revenue Fund (0471)	\$0.00	
		\$0.00
Disbursements:		
Retroactive Claims	\$32,051.26	
Remedial Claims	\$441,137.97	
Adjustment	\$0.00	
28E Agreement - NFA Claims	\$102,865.36	
Transfer to ILO/GS Fund	\$0.00	
Transfer to Unassigned Revenue Fund	\$0.00	
Balance of Outdated Warrants & Cancelled Warrants	\$0.00	
		\$576,054.59
Balance of Fund, December 31, 2014		\$5,081,567.72

0478 - UST MARKETABILITY FUND

Balance of Fund, December 1, 2014		\$765,463.20
Receipts:		
Interest	\$3,514.66	
Use Tax	\$0.00	
		\$3,514.66
Disbursements:		
Intra State Fund Transfer	\$0.00	
Transfer to Innocent Landowners Fund	\$0.00	
		\$0.00
Balance of Fund, December 31, 2014		\$768,977.86

**IOWA COMPREHENSIVE PETROLEUM UNDERGROUND STORAGE TANK FUND
STATEMENT OF FUND BALANCES
FOR THE MONTH ENDING DECEMBER 31, 2014**

0485 - UST INNOCENT LANDOWNERS FUND

Balance of Fund, December 1, 2014		\$8,302,439.23
Receipts:		
Cost Recovery (i.e. lien settlements)	\$0.00	
ILO Refunds	\$0.00	
Transfer From UST Revenue Fund (0471)	\$0.00	
Transfer From Loan Gaurantee Fund (0238)	\$0.00	
Outdated Warrants	\$0.00	
Miscellaneous Income	\$105.00	
		\$105.00
Disbursements:		
Cost Recovery Reimbursement	\$0.00	
Cost Recovery Global Settlement	\$0.00	
Adjustment	\$0.00	
Intra State Fund Transfers Paid (to Unassigned Revenue)	\$0.00	
Other Contractual Services	\$0.00	
Global Settlement Claims	\$15,383.11	
Innocent Landowner Claims	\$81,365.57	
Transfer to Remedial Fund (0208)	\$0.00	
Balance of Outdated Warrants	\$0.00	
		\$96,748.68
Balance of Fund, December 31, 2014		\$8,205,795.55

0238 - UST LOAN GUARANTEE FUND (Non-Bonding)

Balance of Fund, December 31, 2014		\$0.00
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0614 - UST CAPITAL RESERVE FUNDS (Bonding)

Balance of Fund, December 31, 2014		\$0.00
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Combined UST Capital Reserve Fund Balances, December 31, 2014

\$0.00

TOTAL FUND BALANCES, December 31, 2014

\$32,312,631.29

FOOTNOTES:

Note 1: Funds labeled "Bonding" were created as a result of the issuance of UST Revenue Bonds. Disbursements from these funds are restricted by the Revenue Bond indenture.

Funds labeled "Non-Bonding" are funds not restricted as to use by the Revenue Bond indenture.

C. Year-to-Date Financials as of December 31, 2014

**IOWA COMPREHENSIVE PETROLEUM UNDERGROUND STORAGE TANK FUND
STATEMENT OF FUND BALANCES
FISCAL YEAR TO DATE ENDING DECEMBER 31, 2014**

		FISCAL 2015 BUDGET
0471 - UST REVENUE FUND (Bonding)		
Balance of Fund, July 1, 2014	\$524,210.38	\$524,210.38
Receipts:		
Motor Vehicle Use Tax (IDOT - vehicle registration)	\$7,000,000.00	\$14,000,000.00
Intra State Fund Transfers Received	\$47,842.43	
Interest Income	\$3,476.55	\$100,000.00
Interest Income - Capital Reserve Fund	\$0.00	
	\$7,051,318.98	\$14,100,000.00
Disbursements:		
Bond Interest Payment	\$0.00	
Bond Principal Payment	(\$981.16)	
EPC Charges	\$0.00	
Adjustments	\$47,842.43	
Transfer to General Fund	\$0.00	
Transfer to Unassigned Revenue Fund (0450)	\$0.00	
Transfer to Innocent Landowner Fund (0485)	\$0.00	
Transfer to Remedial Non-Bonding Fund (0208)	\$0.00	\$14,000,000.00
	\$46,861.27	\$14,000,000.00
Balance of Fund, December 31, 2014	\$7,528,668.09	\$624,210.38
0450 - UST UNASSIGNED REVENUE FUND (Non-Bonding)		
Balance of Fund, July 1, 2014	\$11,681,366.83	\$11,681,366.83
Receipts:		
Request for Proposal Fees	\$0.00	
Copying/Filing Fees	\$0.00	
Fines & Penalties	\$0.00	\$5,000.00
Refund/Overpayment	\$100.00	
Transfer From UST Revenue Fund (0471)	\$0.00	
Compensation for Pooled Money Investments	\$0.00	
Amort / Accretion	\$0.00	
Buys/ Sells	\$0.00	
Interest Income	\$27,450.69	\$125,000.00
	\$27,550.69	\$130,000.00
Disbursements:		
UST Administrator's Fees	\$628,527.32	\$1,240,000.00
Adjustment	\$0.00	
Attorney General's Fees	\$25,308.53	\$50,000.00
Attorney's Fees: Cost-Recovery Administration	\$0.00	
Cost Recovery Expense (i.e. Lien Filing, Overpayment Refund)	\$0.00	\$150.00
Actuarial Fees	\$0.00	
Auditor of the State Fees	\$4,404.75	\$5,100.00
Bond Trustee's Fees - Bankers Trust	\$0.00	
Claim Settlement	\$0.00	
Custodial Fees - BONY	\$0.00	
Department of Revenue EPC Collection Fees	\$10,498.70	\$37,500.00
Innovative Technology	\$0.00	

**IOWA COMPREHENSIVE PETROLEUM UNDERGROUND STORAGE TANK FUND
STATEMENT OF FUND BALANCES
FISCAL YEAR TO DATE ENDING DECEMBER 31, 2014**

		FISCAL 2015 BUDGET
Department of Inspection & Appeals Service Fees	\$0.00	\$500.00
Legal and Professional Fees	\$2,371.12	
Postage / Printing / Miscellaneous	\$0.00	\$500.00
Professional Admin Services (Investments)	\$0.00	
Professional Services - Owner/Operator Training	\$16,700.00	\$100,000.00
Rebate	\$0.00	
Special Project Claims - Closure Contract Project	\$118,288.80	\$800,000.00
Travel Expenses-UST Board Members	\$0.00	\$700.00
Warrant Float Expense	\$0.00	
28E Agreement - DNR Plume Study	\$0.00	
Statutory Transfer to DNR (technical review - recurring)	\$0.00	\$200,000.00
Statutory Transfer to IDAL (fuel quality inspections - recurring)	\$0.00	\$250,000.00
Statutory Transfer to IDOT (railway study)	\$0.00	\$500,000.00
Appropriations FY 2014	\$92,768.29	
Appropriations FY 2015	\$82,427.94	
Transfer of Funds to Innocent Land Owners	\$0.00	
	<u>\$981,295.45</u>	<u>\$3,184,450.00</u>
Balance of Fund, December 31, 2014	<u>\$10,727,622.07</u>	<u>\$8,626,916.83</u>
0208 - UST REMEDIAL NON-BONDING FUND		
Balance of Fund, July 1, 2014	<u>\$8,681,846.71</u>	<u>\$8,681,846.71</u>
Receipts:		
Remedial Refunds	\$0.00	
Misc. Income (i.e. eligibility settlements)	\$0.00	
Interest Income	\$0.00	
Transfer From UST Revenue Fund (0471)	\$0.00	\$14,000,000.00
	<u>\$0.00</u>	<u>\$14,000,000.00</u>
Disbursements:		
Retroactive Claims	\$339,870.77	\$700,000.00
Remedial Claims	\$3,061,211.79	\$6,000,000.00
Adjustment	\$0.00	
28E Agreement - NFA Claims	\$201,837.25	\$500,000.00
Transfer to ILO/GS Fund	\$0.00	
Transfer to Unassigned Revenue Fund	\$0.00	
Balance of Outdated Warrants	(\$2,640.82)	
	<u>\$3,600,278.99</u>	<u>\$7,200,000.00</u>
Balance of Fund, December 31, 2014	<u>\$5,081,567.72</u>	<u>\$15,481,846.71</u>
0478 - UST MARKETABILITY FUND		
Balance of Fund, July 1, 2014	<u>\$755,308.99</u>	<u>\$755,308.99</u>
Receipts:		
Interest	\$13,668.87	\$25,000.00
Use Tax	\$0.00	
	<u>\$13,668.87</u>	<u>\$25,000.00</u>
Disbursements:		
Intra State Fund Transfer	\$0.00	
Transfer to Innocent Landowners Fund	\$0.00	
	<u>\$0.00</u>	<u>\$0.00</u>
Balance of Fund, December 31, 2014	<u>\$768,977.86</u>	<u>\$780,308.99</u>

**IOWA COMPREHENSIVE PETROLEUM UNDERGROUND STORAGE TANK FUND
STATEMENT OF FUND BALANCES
FISCAL YEAR TO DATE ENDING DECEMBER 31, 2014**

		FISCAL 2015 BUDGET
0485 - UST INNOCENT LANDOWNERS FUND		
Balance of Fund, July 1, 2014	\$8,604,467.48	\$8,604,467.48
Receipts:		
Cost Recovery (i.e. lien settlements)	\$4,556.20	\$25,000.00
ILO Refunds	\$105.00	
Transfer From UST Revenue Fund (0471)	\$0.00	
Transfer From Loan Gaurantee Fund (0238)	\$0.00	
Outdated Warrants	\$0.00	
Miscellaneous Income	\$525.00	
	\$5,186.20	\$25,000.00
Disbursements:		
Cost Recovery Reimbursement	\$0.00	
Cost Recovery Global Settlement	\$0.00	
Adjustment	\$0.00	
Intra State Fund Transfers Paid (to Unassigned Revenue)	\$0.00	
Other Contractual Services	\$0.00	
Global Settlement Claims	\$87,866.77	\$80,000.00
Innocent Landowner Claims	\$326,879.82	\$2,000,000.00
Transfer to/from Remedial Fund (0208)	\$0.00	
Balance of Outdated Warrants	(\$10,888.46)	
	\$403,858.13	\$2,080,000.00
Balance of Fund, December 31, 2014	\$8,205,795.55	\$6,549,467.48
0238 - UST LOAN GUARANTEE FUND (Non-Bonding)		
Balance of Fund, December 31, 2014	\$0.00	\$0.00
0614 - UST CAPITAL RESERVE FUNDS (Bonding)		
Combined UST Capital Reserve Fund Balances, December 31, 2014	\$0.00	\$0.00
TOTAL FUND BALANCES, December 31, 2014	\$32,312,631.29	\$32,062,750.39

FOOTNOTES:

Note 1: Funds labeled "Bonding" were created as a result of the issuance of UST Revenue Bonds. funds are restricted by the Revenue Bond indenture. All bond funds are \$0.00 8/31/08
Funds labeled "Non-Bonding" are funds not restricted as to use by the Revenue Bond indenture.

D. Lien Status Update

Iowa Underground Storage Tank Fund Liens Filed
(Updated 01-16-2015)

Lien #	County	Site #	Claim #	Site Address	Property Owner	Owner Address	Cost Recovery Letter	Cost Rec. Ltr - Issued date	Lien File Requested	Mkt Notice & Fee	Lien Amount	Lien Filed Date	Book & Page	Request Release Fee	Lien Settlement
0310004	Palo Alto	8916647	13007	510 Inman Ave, Mallard	Theodore J and Norma J Larson	510 Inman Ave, Mallard 50562	10/1/2003		10/2/2003	10/24/2003	\$59,055.50	10/30/2003 ; renewed 10/30/2013			
0404009	Butler	8608131	12039	12682 Highway 3, Dumont	Dave Dohlman	11794 195th St, Dumont 50625-7504	1/20/2004		3/24/2004	4/12/2004	\$13,650.00	4/14/2004; renewed 3/17/2014	2004-1676, 2014-		
0404010	Ida	8710293	73001 & 73013	Hwy 59 & 175, Ida Grove	Robin Hill Trust, %Vernus Wunschel	Box 113, Ida Grove 51445	?		4/19/2004	4/29/2004	\$330,131.40	4/30/2004; renewed 6/24/14	6-349		
0605012	Keokuk	8609694	73040 / 11003	407 South Barnes St, What Cheer 50268	Melvin & Karen Foubert	601 N. Barnes St, What Cheer 50268-1033	2/2/2006	3/31/2006	4/24/2006	5/15/2006	\$82,373.75	5/16/2006	2006-0962		
0610017	Jefferson	8601629	11023 & 14009	206 West Main St, Lockridge 52635	Richard & Connie Richardson	206 West Main St, Lockridge 52635-9705	7/13/2006	8/30/2006	10/13/2006	10/24/2006	\$35,202.00	10/25/2006	2006-2472		
0611018	Taylor	300033	13053 & 15001	NE Corner Adams & 3rd St, Gravity 50848	Terry J Smith	PO Box 133, Gravity IA 50848	7/6/2006	8/15/2006	10/18/2006	11/7/2006	\$52,090.00	11/9/2006	6-265,266		
0611019	Clay	8915566	15012	502 North Main St, Everly, 51338	Roger Ginger	Box 347, Everly, IA 51338	5/26/2006		10/18/2006	11/7/2006	\$14,932.00	11/13/2006	2006-3529		
0701022	Van Buren	8600890	11032 / 14002	SW Corner Hwy. 1 & 180th St., Keosauqua	Henry Robbins	102 Greenvale Drive, Mansfield, TX 76063-5556	10/20/2006	11/30/2006	12/22/2006	1/16/2007	\$32,980.90	1/19/2007	136-856		
0702023	Montgomery	8607574	15013	Tenville IA 50864	Marvin G. Shipley	2048 Tenville Avenue, Villisca 50864	10/30/2006	11/30/2006	1/23/2007	2/13/2007	\$2,795.00	2/16/2007	302-663,664		
0704025	Tama	9017159	14005	TJ's Gas & Bait, 100 Jacobs St., Chelsea 52215	Tony J. & Christie Jacobi	2772 370th Street, Chelsea, IA 52215	12/7/2006	1/30/2007	4/25/2007	5/15/2007	\$17,839.00	5/17/2007	43-474		
0706029	Woodbury	9217516	73002	29 Deer Run Trail, Climbing Hill 51015	Pat Benjamin	7 Merville Blacktop, PO Box 25, Climbing Hill 51501	3/27/2007	4/30/2007	6/1/2007	8/1/2007	\$14,400.00	8/7/2007	692 - 10744, 10745		
0801030	Cass	8608073	82102	Griswold Custom Classics, LC 802 Main St., Griswold, IA	Griswold Custom Classics LC	Clifford Speck, 802 Main St., Griswold, IA 51535	10/12/2007	11/30/2007	1/11/2008	1/31/2008	\$6,685.50	2/1/2008	2008 - 223		Payment plan started 9/2013

Attorney General's Report

Claim Payment Approval

**IOWA UNDERGROUND STORAGE TANK PROGRAM
SECOND BOARD REPORT
JANUARY 12, 2015
RODNEY MUSICH
606 WEST HIGH STREET
AVOCA
SITE REGISTRATION NUMBER: 8603785
LUST NUMBER: 8LTO88**

RISK CLASSIFICATION:

HIGH

LOW

UNDETERMINED

PRESENT CLAIM RESERVE:

\$ 275,000.00

PREVIOUS BOARD APPROVAL:

\$ 185,000.00

Number and Date of each previous Board Report: 1st: April 23, 2012

PREVIOUS COSTS INCURRED:

\$ 76,661.92

COSTS INCURRED SINCE LAST BOARD APPROVAL:

- | | |
|----------------------------|------------------|
| 1. Site monitoring reports | 6,371.76 |
| 2. Over-excavation | <u>96,706.42</u> |

TOTAL COSTS INCURRED TO DATE:

\$ 179,740.10

PROJECTED COSTS:

❖ Site Monitoring Report

❖ Over-excavation

TOTAL PROJECTED COSTS:

\$ 75,000.00 to 150,000.00 +

ADDITIONAL AUTHORITY RECOMMENDED:

\$ 165,000.00

TOTAL AUTHORITY:*

\$ 350,000.00

COMMENTS: The site is low risk for the potential vapor pathways. Vapor sampling has exceeded the vapor target levels. An excavation completed in 2012 removed much of the contamination in the source area. However, the extent of contamination was greater than expected and a second excavation appears to be necessary to remove the remaining contamination and allow for the reclassification of the site to no action required. Affected population likely less than 20.

*Previous approval + additional recommended

Site Timeline

- 1990 – Very high contaminant concentrations were discovered during an insurance investigation. A claim is submitted by B&B Tire & Oil Company.
- 1994 – A site cleanup report (SCR) is submitted and accepted as high risk. Free product was also noted during the investigation. CADR due in 120 days.
- 1998 – A Tier 2 recommending high risk is submitted. DNR issues a ‘not accepted’ letter.
- 1999 – A revised Tier 2 is submitted and accepted as high risk. CADR due in 120 days.
- 2000 – A reclassification SMR is submitted and accepted as low risk.
- 2001, 2002, and 2007 monitoring events are completed.
- 2008 – The property is sold and benefits are transferred to the new owner, Rodney Musich. The USTs are removed and the site ceases to operate as a gas station. High contaminant concentrations are discovered during the tank pull and result in the reclassification of the site to high risk again. There is no clear evidence that the contamination is the result of a post-10/26/90 release. A new consultant is hired.
- 2008 – 2011 – Annual monitoring is completed.
- 2012 – First board report is presented and approved on April 23, 2012 to allow for the completion of an excavation. The excavation is completed in June and removes 1,004 cubic yards of contaminated soil. However, the extent of the contamination was greater than expected and some contamination is left along the sidewalls. The excavation does succeed in reclassifying the site to low risk.
- 2013-2014 – Attempts to reclassify the site to no action required using vapor sampling have not been successful. Expansion of the 2012 excavation is recommended.

Site Timeline

1986 - The claimant / current property owner purchased this former gas station property and had the USTs removed.

1992 – An evaluation of the site area was initiated after detection of contamination in one or more private drinking water wells. The initial investigation was provided by a Iowa DNR LUST Trust investigation

1992 – 1997: Site investigation activities were completed to identify plume location and evaluate corrective action options. The site was determined to be a high risk based on a 1996 pre-RBCA SCR

1997 - 2003: Site investigation activities were completed through a State Lead Community Remediation Project started. In 1997, water treatment units were installed due to the detection of benzene in two drinking water wells. In 1999, two additional private drinking water wells are found to be contaminated above drinking water, requiring installation of private water treatment units.

2000 – 2003 – Multiple discussions held on options to address area contamination; due to lack of a governing body, lack of a public water supply nearby, and lack of options to treat contamination at depth, the decision was made to install two private water supply wells for the property owners in the area and a public water supply well for the local restaurant. Several public meetings in the community were held to discuss the options and present the plan.

2003 - The East and West Association wells and one public drinking water well were installed; the private wells were designed to serve no more than 25 individuals per well. Due to poor water quality, all residents connected to the East Association well were offered and most were provided water softeners and iron removal systems.

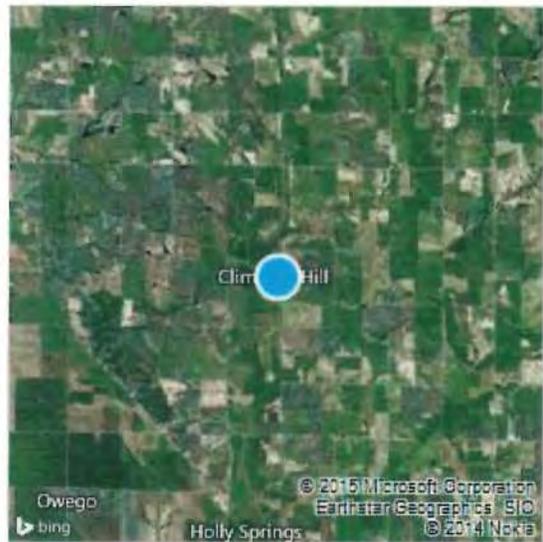
2004 - Several of the previously impacted or threatened drinking water wells were plugged; property owners were told all remaining wells could only be used for non-potable water.

2005 – present – Annual monitoring of this site and the Woodbury Community School LUST site (7LTV89) has been completed. The claimant at some point chose to disconnect from the East Association well and reconnect his owned properties to one or more of the pre-existing water wells; one of which is considered to be a high risk receptor.

Climbing Hill, IA

My Notes

On the go? Use m.bing.com to find maps, directions, businesses, and more



 Bird's eye view maps can't be printed, so another map view has been substituted.

**Contracts Entered Into
Since December 11, 2014 Board Meeting**



IOWA UNDERGROUND STORAGE TANK FUND

Douglas M. Beech, *Chairperson*

Dale T. Cira, *Administrator*

Board Members: Michael L. Fitzgerald Joseph D. Barry Jeff. W. Robinson Karen E. Andeweg Chuck Gipp
 Timothy L. Gartin Dawn M. Carlson Patricia J. Beck N. Kurt Mumm

MEMORANDUM

TO: UST Board Members
FROM: Dale T. Cira
DATE: January 16, 2015
SUBJECT: Contracts Entered Into Since December 11, 2014 Board Meeting

The Board entered into one contract extension, with Geotek Engineering & Testing Services, Inc. for continued work on the State Lead project, CRPCA 1007-40: Akron.

Other Issues as Presented

Correspondence and Attachments

Notes of Third Corrective Action Conference Iowa Department of Natural Resources (DNR)

Held: Thursday, January 8, 2015 at 9:30 in room 5W of the Wallace Building
Site: Valley Restaurant/Sierp Oil in Villisca, Iowa
LUST No. 7LTY50
Status: Third conference; no further conferences are scheduled.
Synopsis: The Sierp Oil site is high risk and has undergone several large excavations and remediation system operations. Benzene was found in City Well #8 in October 2014. The former Sierp Oil site is a likely contributor but there may be other sources. The certified groundwater professional (CGP) will prepare proposals and budgets for investigating the source and extent of the groundwater plume(s) and an emergency treatment system for contaminated water from CW8. CGP will also investigate the contamination plume which may assist the City in siting possible new locations for water wells. These will be presented at the next UST Fund Board meeting on 1/23/15. The DNR will sample the city drinking water wells (DWWs) and consult with the CGP on investigation of the groundwater plume.

Participating

RP: Mark Landa, Attorney representing Former Valley Restaurant/Sierp Oil (in person)
Funding: Steve Reinders of Cunningham Lindsey (in person)
James Gastineau of Aon Risk Services (by telephone)
CGP: Adam Davison of Seneca Environmental (in person)
DNR: Shelly Nellesen, Project Manager; Elaine Douskey, UST Section Supervisor; Jeff White, Conference Facilitator (in person)
Keith Wilken of DNR Field Office 4 (in person)
Taroon Bidar of DNR Water Supply Section (in person)
City of Villisca: Chad James, Utilities Superintendent (by telephone)
Austin Smith, Engineer with Garden & Associates (by telephone)

Funding Report by Steve Reinders of Cunningham Lindsey

- \$667,727 spent to date.
- Settlement between Fund and RP determined that 3% of costs are attributable to aboveground storage tanks (ASTs) and must be covered by RP.
- The site has spending authority to \$710,000; additional spending must be approved by the UST Fund Board, which next meets January 23, 2015.

Background and Recommendations by Adam Davison, CGP

- In 2003 we conducted a large over-excavation (OE) of the tank basin and dispensers and installed an air sparge/soil vapor extraction system (AS/SVE), which ran from 2003 to 2007. We held a couple of corrective action conferences in 2007 and decided to conduct more investigation, then conduct another OE and install another AS/SVE system, which was operated from 2010 until July 2014.
- The groundwater concentrations and PID readings from the system are down. Using the Tier 2 Version 2.51 software, the site has met the groundwater site specific target levels (SSTLs). Soils have not been sampled yet.
- In October 2014, City Well #8 (CW8) had a hit of 49 parts per billion (ppb) benzene.
- I provided two cross-sections to help us understand the alluvial aquifer. In most boring logs we have upper and lower sand layers, with a clay layer in between. The city wells pump from the lower sand.
- The United Farmers Mercantile Cooperative (Coop) had a release and did some remediation for free product in 1992, but we don't know much about it.

- My recommendations are in the Post Tier 2 Worksheet: Replace the impacted CW8 and/or install an air stripping system there to treat the water.

Discussion

RP Attorney: What happens if we hit the \$1,000,000 cap?

CL: There is no more funding. At the last Board meeting, the Board wanted to know for sure whether the contamination found in CW8 is from Sierp Oil.

DNR: We looked at all four LUST sites in Villisca. Sierp Oil, the one nearest CW8, is still high risk. Beckett Oil was cleared at Tier 1. The Casey's was no action required (NAR) in 2000 with low concentrations. The Coop (7LTX99) was NAR in 2004. It had free product, relatively high concentrations, and a remediation system at one time. Monitoring and remediation wells may not have been plugged. The only open LUST site is Sierp Oil. But the Tier 2 model is not very good for modeling plumes near pumping wells.

CGP: In addition, all the monitoring wells are screened in the upper aquifer, while the city water wells are screened in the lower sand aquifer. We don't know where the lower contamination plume is located or where the two aquifers are connected.

DNR: If we are going to try to define the contamination plume, should we start at CW8 or at likely sources? If we are going to install new water well, the plume should be defined to avoid installation within contaminated areas.

Villisca: From our perspective, with CW8 down, we are in trouble. The existing four water wells can't supply enough water, even this time of year. When spring is here and the city uses more water, we will have an emergency situation. Water conservation measures have been enacted.

DNR: CW8 has been shut down. Its pumping action may have pulled the contamination plume to it and controlled its spread. With the pump shut off, the contamination plume could spread to other city water wells. We can't pump CW8 to waste to control the plume because we can't dump contaminated water. If we treat the water, it could be used for drinking, at least on an emergency, temporary basis.

CGP: I recommend we use an air stripper to treat the water at the wellhead, before it goes to the treatment building. This would likely involve an 8' by 20' insulated building by the well. The Worksheet contains information about it and a rough cost estimate. It would take six to eight weeks to build the system.

DNR: An air stripper could take care of the emergency situation, but we still need to define the plume to find sources, install a new city well, and insure the other city wells are not impacted. We need to sample all the city wells to ensure none of the others have been impacted. CW-5 is very near the Coop. If that site is contributing CW-5 may be impacted.

CL: We have about \$50,000 of spending authority. We need to find out if Sierp Oil is the main source.

CGP: We could burn a lot of money installing monitoring wells.

Aon: Use a geoprobe and GC (gas chromatograph) to conduct fast plume delineation. But we have limited funding. We will have to determine the sources.

DNR: We should have samples sent to certified labs.

RP Attorney: Should we re-engage the Casey's and Coop sites?

DNR: We must have compelling evidence to re-open a LUST site. There is no strong evidence for the Casey's, but much higher groundwater contamination and indication history for the Coop. We should consider additional sampling around the Coop.

Aon: If the DNR will do a No Further Action (NFA) Re-Opener Worksheet, we can re-open the Coop site to investigate the possible contribution from that site and properly plug existing wells if need be.

DNR: We will provide the Re-Opener Worksheet. Caseys' will be cc'd if a letter goes out since they are a neighboring LUST site. The Field Office agrees to sample the city water wells through the LUST contract with SHL (State Hygienic Laboratory), and will try to have the analytical results by the time the Fund Board meets on January 23.

CGP: I will visit the City next week and prepare a more detailed proposal and budget for the emergency treatment system as well as look over sampling locations. We should do the drilling and sampling while the ground is frozen and there are no crops.

City Engineer: I have cost estimates for a new city water well. We have been looking north and west of existing water wells. The further away we go, the higher the piping costs. Once we get funding and DNR permit approval, a new water well should take only a couple of months.

City: We will be in an emergency situation in three months.

DNR: Before a new water well can be installed, an investigation must determine the extent of the plume and make sure the new well is not near the plume. We also need better flow direction maps for the aquifer with the city wells.

CL: During the investigation, if no contamination is found in a borehole, piezometers could be installed in the borehole to aid in determining groundwater elevations.

Aon: The investigation must insure that the boreholes, monitoring wells, and piezometers don't allow mixing of water and contamination between aquifers.

CGP: If we don't find any groundwater contamination to the north of the city water wells, can we install another water well further north?

DNR: Yes, if the plume is defined and not near the north area, a new well there might be okay.

Field Office 4 staff will meet with city staff on Monday, January 12, to sample city wells.

We will work with the CGP to develop a drilling and sampling plan.

CGP: I will be in Villisca on Monday to meet with the City and work on proposals.

Selected Actions and Schedule

- On 1/12/15, DNR Field Office 4 conducts sampling of city water wells.
- On 1/12/15, CGP meets with City personnel and visits CW8 to prepare a proposal and budget for installing and operating an emergency treatment system for the groundwater from CW8.
- DNR sends out conference notes by 1/13/15. DNR will work with CGP to develop the plan of groundwater investigation. DNR will prepare an NFA Re-Opener form for 7LTX99.
- CGP submits budgets and proposals for drilling/sampling plan and an emergency treatment system for CW8 by 1/21/15 for the UST Fund Board Meeting on 1/23/15.
- As soon as possible after receiving funding approval, CGP will initiate a groundwater investigation to attempt to determine
 - The source or sources of petroleum contamination contributing to the groundwater plume in the well field. Potential sources include both the Sierp Oil site and the Coop site.
 - Help determine a "safe" location for a new city water well.
- Engineer for city will work with city and DNR toward a new drinking water well as a permanent solution.

Everyone agreed to this approach and schedule.

Shelly Nellesen, DNR Project Manager
Jeff White, Conference Facilitator

Note: These notes are generalizations of ideas and comments made by participants in the meeting. They were not recorded verbatim or transcribed. If you have any questions or suggestions, please contact Shelly Nellesen at the UST Section of the DNR.

Notes of Fourth Corrective Action Conference

Iowa Department of Natural Resources (DNR)

Held: Tuesday, December 30, 2014 at 1:30 PM in 5W of the Wallace building
Site: Rock C Store in Iowa Falls, Iowa
LUST No. 8LTC27
Status: This was the fourth conference; the fifth conference is scheduled for Thursday, March 26, 2015 at 1:30 PM in room 5W.
Synopsis: The certified groundwater professional (CGP) will install monitoring wells in bedrock to define the groundwater plume; conduct soil sampling to define the soil plume; conduct groundwater sampling; and provide a site monitoring report (SMR) with recommendations by 3/13/15.

Participating

RP: Preston Aust (in person)
Funding: Steve Reinders of Cunningham Lindsey (CL) (by phone)
CGP: Gaylen Hiesterman of Cardno ATC (in person)
DNR: Kate Meyer, Project Manager, and Jeff White, Facilitator (in person)

Funding Report by Steve Reinders of Cunningham Lindsey (CL)

- \$319,426 spent to date.
- The project has funding authorization to \$403,000.

Deficiencies by Kate Meyer, DNR Project Manager: The letter from the county sanitarian to complete the institutional control to prevent private drinking water wells is not acceptable. The DNR Legal Services says the letter needs to be completely filled out, with letterhead and signature.

Reply by Gaylen Hiesterman, CGP: We knew the letter was inadequate. We will work with the county to provide DNR with an acceptable letter.

Background by Gaylen Hiesterman, CGP

- We ran a soil vapor extraction system for several years, mostly for free product.
- The SMR submitted in September 2014 included sampling of soil, soil gas, and groundwater. We offered our opinion to consider reclassifying the site. The groundwater pathways have been cleared or will be cleared with institutional control, but the soil leaching to protected groundwater source pathway is still high risk.
- We recommend discussing ideas for a Tier 3 approach. Cleaning the soil would involve removing the UST system and possibly building and conducting a deep over-excavation to bedrock depth. An over-excavation could be very expensive.

Discussion

DNR: This is a difficult site. We have high concentrations of soil and groundwater contamination with a history of free product and groundwater below bedrock with a protected groundwater source. The rules say soil remediation is required. If the groundwater wasn't so highly contaminated, we could potentially leave some soil contamination and address the site in Tier 3.

CL: The soil is tight clay and would have to be excavated. We can't dig 30 feet deep under an active UST system to remove all the soil contamination. We would have to remove the site building and replace it, too.

DNR: Yes, clay soils are difficult to remediate. The soil contamination appears to be localized, but it is not well defined horizontally or vertically. The groundwater plume is not defined to the east.

RP: I own the lot to the east; we can install monitoring wells in the paved areas.

CGP: Chemical injection doesn't work well in clays. We looked at hydraulic fracturing, but we don't want to frac around an active UST system.

DNR: What about injecting PlumeStop or Bos 200 into the bedrock? If you could reduce the groundwater concentrations a lot, you might not need to address the soil. Have you conducted groundwater sampling in 2014?

CGP: We are using carbon injection in a LUST site in Dubuque. No, we have not conducted groundwater monitoring this year, aside from MW11. While we have a rig at the site installing monitoring wells we should drill a few boreholes and delineate the soil plume. We can submit a site monitoring report.

CL: Yes, we would approve of drilling some boreholes for soil sampling and installing additional monitoring wells for groundwater plume delineation.

(Discussion of where boreholes could and should be drilled and sampled.)

DNR: Our Section is discussing what to do at bedrock sites where we can't address all the soil contamination. We should have some ideas within a month or two. The water well database shows a water well a block to the north. Is this correct?

RP: The water well location is wrong. The well owner listed is residing in another part of town and is my mother's neighbor.

CGP: Will EPA allow carbon injection into bedrock?

DNR: Contact Kurt Hildebrandt of UIC at EPA Region 7; keep him informed.

Selected Actions and Schedule

- By 1/6/15, DNR will email Conference Notes to all participants.
- By 1/9/15, CGP will provide a budget and proposal for:
 - Drilling and sampling several soil borings to delineate the soil plume.
 - Drilling and installing monitoring wells to delineate the groundwater plume.
 - Sampling monitoring wells.
 - Researching the use of carbon injection in bedrock.
 - Providing a site monitoring report (SMR) with results and recommendations.
- By 1/16/15, CL will evaluate the budget and proposal.
- By 3/13/15, CGP & RP will provide an SMR with results and recommendations.
- On Thursday, 3/26/15, we will meet again at 1:30 in 5W of the Wallace Building.

Everyone agreed to this approach and schedule.

Jeff White, Conference Facilitator

Note: These notes are generalizations of ideas and comments made by participants in the meeting. They were not recorded verbatim or transcribed. If you have any questions or suggestions, please contact Kate Meyer at the UST Section of the DNR.

Notes of First Corrective Action Conference Iowa Department of Natural Resources (DNR)

Held: Tuesday, January 13, 2015 at 9:30 in room 4W of the Wallace building
Site: River Valley Coop, Durant
LUST No. 8LTQ48
Status: First conference; no further meetings are scheduled
Synopsis: The site is high risk for a non-drinking water well (NDWW) and polyethylene (PE) water lines within the actual plume and two drinking water wells (DWWs) and water lines within the simulated plume. We propose installing a new NDWW outside the actual plume and running copper water lines. The DWWs will be addressed in Tier 3 with additional sampling to show non-expanding plumes.

Participating

RP: Lon Warnecke of River Valley Coop (by phone)
Funding: Tom Norris of PMMIC (by phone)
CGP: Mark Diehl of Seneca Environmental (by phone)
DNR: Lee Osborn, Project Manager, & Jeff White, Conference Facilitator (in person)

Funding Report by Tom Norris of PMMIC

- The deductible has been satisfied.
- In a third party review, above-ground storage tanks were determined to have contributed to the contamination, so the Coop is responsible for 60% of the costs.
- The funding authority for the site was moved from the Iowa UST Fund to PMMIC through a loss portfolio transfer.

Deficiencies by Lee Osborn, DNR Project Manager

- Water service lines are polyethylene (PE) and these apparently have not been sampled.
- Groundwater samples from some monitoring wells were collected when the screens were submerged. These analytical results need to be marked "ignore" in the software so they are not used in determining risk.

Background and Recommendations by Mark Diehl, CGP

- This was a LUST site from the early 1990s, but in 2004 or 2005 increased concentrations and free product indicated a new release from ASTs.
- The site has relatively high dissolved concentrations and a widespread plume, but concentrations appear to be holding steady.
- Only one monitoring well has free product now, although if the water table drops product will likely show up in more wells. No fuel is stored on the site.
- The site has a non-drinking water well (NDWW) with PE water lines to the site buildings. These high risk receptors are the immediate concerns.
- In November we sampled monitoring wells, the NDWW, and the water line. The NDWW and water line were less than detection limits.
- Recommendations: Move the water well to the northwest corner of the site, out of the plume; plug the old NDWW; install copper water lines to the buildings; and address the other two high risk drinking water wells (DWWs) and other receptors in Tier 3.

Discussion

Coop: The water well is relatively new (1999) and 100 feet deep, with steel casing to 80 feet and a static water level at 12 feet.

CGP: There does not appear to be aquifer separation between the bedrock and a sand layer over the bedrock. If the water well were to be pumped at high rates, it might pull the groundwater plume to it and the well might have hits.

Coop: We don't use the well a lot. We put signs at all the faucets stating the water is not potable. We supply bottled water for drinking and are too far from the town for city water.
DNR: If a new water well is installed on or near your property, do you want it to be a NDWW or a DWW?

Coop: We can handle it either way.

DNR: You should talk with your driller, the county sanitarian or whoever permits water wells in Hancock County, and Water Supply Section of DNR to determine what permitting is necessary and whether you can install a new water well in the northwest corner of the property. Make sure all water lines are copper and you do not run the service lines through areas of free product.

CGP: Once we address the NDWW and the water lines, we still have two DWWs and maybe a water line in the simulated plume. Since the plume appears to be shrinking, we can do a Tier 3.

DNR: What Tier 3 approach do you recommend? You could use Version 3.0 of the software.

CGP: We will look at well construction: depths, bedrock, casing, and screen. Continued monitoring will show the plume is not expanding. We will likely install a deeper monitoring well between the plume and an offsite DWW to check for deep plumes. We could have more than three feet of vertical separation between the water lines and the groundwater. Sanitary sewers and confined spaces should monitor out.

DNR: I don't see any problems with this recommendation, but we will need a Tier 3 Work Plan with details and a schedule of activities within the next 90 days. Since you are recommending Tier 3, you should do semi-annual sampling and reporting.

CGP: We will present the recent sampling data in a site monitoring report (SMR) soon and would like to move ahead with the new water well and water lines this spring.

DNR: Keep us informed and maintain the free product recovery and reporting.

Discussion of Memorandum of Agreement (MOA)

We are sending out copies of the MOA (signed by the DNR project manager) to the RP, PMMIC, and the CGP. The MOA will spell out the steps and the schedule that we have agreed upon. Read it, sign it, and mail it back as soon as possible. Under Iowa Administrative Code, the activities in the MOA are now legally enforceable with the RP. That is, if the RP signs the MOA, then the RP is legally responsible for the activities being carried out. Generally, the RP is required to sign the contract from the CGP, allow access to the site, and sign reports before they are submitted to the DNR. If unforeseen delays occur, a new schedule can be worked out. Likewise, sometimes the activities cannot be completed because of changed circumstances. Notify the DNR project manager as soon as possible.

Selected Corrective Actions and Schedule

- DNR sends out conference notes/Memorandum of Agreement by 1/16/15.
- Signed MOAs will be received at DNR from all signatory parties by 1/30/15.
- CGP and RP submit an SMR by 2/28/15.
- CGP submits a budget for well and water line replacement and a Tier 3 Work Plan by 4/30/15.
- PMMIC evaluates the budget by 5/7/15.
- SMRs will be submitted semi-annually by April 30 and October 30 of each year.

Everyone agreed to this approach and schedule.

Jeff White, Conference Facilitator

Note: These notes are generalizations of ideas and comments made by participants in the meeting. They were not recorded verbatim or transcribed. If you have any questions or suggestions, please contact Lee Osborn at the UST Section of the DNR.