

IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF OKLAHOMA

UNITED STATES OF AMERICA
and STATE OF OKLAHOMA

Plaintiffs,

v.

THE DOE RUN RESOURCES CORPORATION

and

NL INDUSTRIES, INC.

Defendants.

Civil Action No. 4:15-cv-00663-CVE-TLW

Judge Claire V. Eagan

**CONSENT DECREE FOR CASHOUT OF OPERABLE UNITS 2, 4, AND 5 OF
THE TAR CREEK SUPERFUND SITE, OTTAWA COUNTY, OKLAHOMA**

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I. BACKGROUND

A. The United States of America (“United States”), on behalf of the Administrator of the United States Environmental Protection Agency (“EPA”), and the State of Oklahoma (the State”) filed a complaint in this matter pursuant to Sections 106 and 107 of the Comprehensive Environmental Response, Compensation, and Liability Act (“CERCLA”), 42 U.S.C. §§ 9606 and 9607.

B. The United States in the complaint seeks, inter alia: payment by the Settling Defendants (The Doe Run Resources Corporation and NL Industries, Inc.) of certain costs paid or to be paid by EPA, ATSDR and the Department of Justice (“DOJ”) for response actions at Operable Units (“OU”) 2, 4, and 5 of the Tar Creek Superfund Site (the “Site”) in Ottawa County, Oklahoma, together with accrued interest consistent with the National Hazardous Substances and Oil Pollution Contingency Plan, 40 C.F.R. Part 300 (“NCP”).

C. In accordance with the NCP and Section 121(f)(1)(F) of CERCLA, 42 U.S.C. § 9621(f)(1)(F), EPA notified the State of Oklahoma on December 15, 2011, of negotiations with potentially responsible parties (“PRPs”) regarding the implementation of the remedial design and remedial action for the Site, and EPA has provided the State with an opportunity to participate in such negotiations and be a party to this Consent Decree.

D. In the complaint, filed jointly by the United States and the State, the State asserts that the Settling Defendants are liable to the State under Section 107 of CERCLA, 42 U.S.C. § 9607, and alleges that the Settling Defendants are liable to the State under 27A Okla. Stat. § 1-3-101(8)(1) for past and future response costs at OU2, OU4 and OU5.

E. The Settling Defendants that have entered into this Consent Decree do not admit any liability to Plaintiffs arising out of the transactions or occurrences alleged in the complaint.

Settling Federal Agency does not admit any liability arising out of the transactions or occurrences alleged in any counterclaim asserted by Settling Defendants or any claim by the State.

F. In response to the release or threatened release of hazardous substances at or from the Site, EPA undertook response actions at the Site, including OU2, OU4, and OU5, pursuant to Section 104 of CERCLA, 42 U.S.C. § 9604, and will undertake additional response actions in the future.

G. In performing response actions at the Site, EPA and the State have incurred response costs and will incur additional response costs in the future.

H. The United States and the State allege that Settling Defendants are responsible parties pursuant to Section 107(a) of CERCLA, 42 U.S.C. § 9607(a), and are jointly and severally liable for response costs incurred and to be incurred at the Site.

I. The United States, the State, and Settling Defendants agree, and this Court by entering this Consent Decree finds, that this Consent Decree has been negotiated by the Parties in good faith, that settlement of this matter will avoid prolonged and complicated litigation between the Parties, and that this Consent Decree is fair, reasonable, and in the public interest.

THEREFORE, with the consent of the Parties to this Decree, it is ORDERED, ADJUDGED, AND DECREED:

II. JURISDICTION

1. This Court has jurisdiction over the subject matter of this action pursuant to 28 U.S.C. §§ 1331, 1367 and 1345 and 42 U.S.C. §§ 9606, 9607 and 9613(b) and also has personal jurisdiction over Settling Defendants. Solely for the purposes of this Consent Decree and the underlying complaint, Settling Defendants waive all objections and defenses that Settling

Defendants may have to jurisdiction of the Court or to venue in this District. Settling Defendants shall not challenge entry or the terms of this Consent Decree or this Court's jurisdiction to enter and enforce this Consent Decree.

III. PARTIES BOUND

2. This Consent Decree is binding upon the United States and the State, and upon Settling Defendants and Settling Defendants' successors, and assigns. Any change in ownership or corporate or other legal status, including, but not limited to, any transfer of assets or real or personal property, shall in no way alter the status or responsibilities of Settling Defendants under this Consent Decree.

IV. DEFINITIONS

3. Unless otherwise expressly provided in this Consent Decree, terms used in this Consent Decree that are defined in CERCLA or in regulations promulgated under CERCLA shall have the meaning assigned to them in CERCLA or in such regulations. Whenever terms listed below are used in this Consent Decree or its appendices, the following definitions shall apply:

“Appendix A Property” shall mean the property described on the map that is Appendix A.

“Appendix B Property” shall mean the property described on the map that is Appendix B.

“Appendix F Property” shall mean the property described on the map that is Appendix F.

“CERCLA” shall mean the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. §§ 9601-9675.

Except as otherwise provided herein, "Consent Decree" shall mean this Consent Decree and all appendices attached hereto. In the event of conflict between this Consent Decree and any appendix, this Consent Decree shall control.

"Day" or "day" shall mean a calendar day. In computing any period of time under this Consent Decree, where the last day would fall on a Saturday, Sunday, or federal or State holiday, the period shall run until the close of business of the next working day.

"DOJ" shall mean the United States Department of Justice and its successor departments, agencies, or instrumentalities.

"Effective Date" shall mean the date upon which this Consent Decree is entered by the Court or a motion to enter the Consent Decree is granted, whichever occurs first as recorded on the Court's docket.

"EPA" shall mean the United States Environmental Protection Agency and its successor departments, agencies, or instrumentalities.

"EPA Hazardous Substance Superfund" shall mean the Hazardous Substance Superfund established by the Internal Revenue Code, 26 U.S.C. § 9507.

"Interest" shall mean interest at the rate specified for interest on investments of the EPA Hazardous Substance Superfund established by 26 U.S.C. § 9507, compounded annually on October 1 of each year, in accordance with 42 U.S.C. § 9607(a). The applicable rate of interest shall be the rate in effect at the time the interest accrues. The rate of interest is subject to change on October 1 of each year.

"Operable Unit 2" or "OU2," as used in this Consent Decree, shall mean the residential areas of the Site which were or are now contaminated with mining and milling wastes and which have been remediated or which will be remediated in the future under

EPA's August 27, 1997, Record of Decision (including any later modification thereof or other decision document) and under various removal actions that generally predate the 1997 Record of Decision. OU2 only includes the approximately 3,000 residential yards that were excavated and backfilled with clean soil, any residential areas of the Site that will be remediated in the future as described above, and the repositories built to hold the excavated contaminated soil.

"Operable Unit 4" or "OU4," as used in this Consent Decree, shall mean a certain portion of the Tar Creek Superfund Site. OU4 is generally depicted in Figure 1 of the Record of Decision for Operable Unit 4 of the Tar Creek Superfund Site (February 20, 2008). OU4 includes the parts of the Site (both urban and rural) that are not currently used for residential purposes or which are sparsely used for residential purposes, where mine and mill wastes and smelter waste have been deposited, stored, disposed of, placed, or otherwise come to be located.

"Operable Unit 5" or "OU5," as used in this Consent Decree shall mean the operable unit that addresses contaminated sediment in Elm Creek from its source on the Kansas Border to the Neosho River, in Tar Creek starting at the confluence of Tar Creek and Lytle Creek then downstream in Tar Creek to Tar Creek's confluence with the Neosho River, and in the Neosho River downstream to the lake-head delta at Grand Lake.

"Operation and Maintenance" or "O&M" shall mean all activities required to operate, maintain and monitor the effectiveness of the Operable Unit 4 Remedial Action.

"Paragraph" shall mean a portion of this Consent Decree identified by an Arabic numeral or an upper or lower case letter.

“Parties” shall mean the United States, the State of Oklahoma, and Settling Defendants.

“Plaintiffs” shall mean the United States and the State.

“RCRA” shall mean the Solid Waste Disposal Act, 42 U.S.C. §§ 6901-6992, also known as the Resource Conservation and Recovery Act.

“Record of Decision” or “ROD” shall mean the EPA *Record of Decision Operable Unit 4 Chat Piles, Other Mine and Mill Waste, and Smelter Waste, Tar Creek Superfund Site, OU4* signed on February 20, 2008, by the Superfund Division Director, EPA Region 6, including all attachments thereto, and also including the EPA Explanation of Significant Differences (“ESD”) for the OU4 ROD dated April 13, 2010, and any future amendments, or ESDs related to the ROD.

“Remedial Action” shall mean the remedial action selected in the ROD.

“Restricted Parcels” shall mean any Site property held in whole or in part in trust for the benefit of a tribe or individual Indians, or held in whole or in part by a Tribe or individual Indians subject to a restriction on alienation pursuant to Federal Law.

“Section” shall mean a portion of this Consent Decree identified by a Roman numeral.

“Settling Defendants” shall mean The Doe Run Resources Corporation and NL Industries, Inc.

“Settling Federal Agency” shall mean the U.S. Department of the Interior including its agencies and bureaus (*e.g.*, the Bureau of Land Management, the Bureau of Indian Affairs, and the Fish and Wildlife Service) and its successor departments, agencies, or instrumentalities.

“Site” shall mean the Tar Creek Superfund Site. The Site is the Oklahoma portion of the Tri-State Mining District that consists of the areas of Ottawa County impacted by mining waste. The Site includes all of the area (approximately 40 square miles) in northern Ottawa County where lead and zinc mining operations were conducted and any area where a hazardous substance from mining or milling in Ottawa County has been stored or disposed. The Site also includes all suitable areas in close proximity to the contamination necessary for implementation of the response action. The Site is generally bounded by the State of Kansas to the north. The principal Site communities include Cardin (residents relocated under 2008 ROD), Commerce, North Miami, Picher (residents relocated under 2008 ROD), and Quapaw, Oklahoma and Treece, Kansas (residents relocated under 2010 ESD). The Site is generally described on the map that is Appendix C.

“State Past Response Costs relating to Operable Unit 5 of the Site” shall mean all costs, including, but not limited to, direct and indirect costs, that the State paid at or in connection with OU5 of the Site through the Effective Date, plus Interest on all such costs that has accrued through the Effective Date.

“Tar Creek Superfund Site Special Account” shall mean the special account, within the EPA Hazardous Substance Superfund, established for the Site by EPA pursuant to Section 122(b)(3) of CERCLA, 42 U.S.C. § 9622(b)(3).

“United States” shall mean the United States of America and each department, agency, and instrumentality of the United States, including EPA.

“Waste Material” shall mean (1) any “hazardous substance” under Section 101(14) of CERCLA, 42 U.S.C. § 9601(14); (2) any pollutant or contaminant under Section 101(33) of CERCLA, 42 U.S.C. § 9601(33); (3) any “solid waste” under Section 1004(27) of RCRA,

42 U.S.C. § 6903(27); (4) any “pollutant” under 27A O.S. § 1-1-201(9); (5) any “hazardous waste” under 27A O.S. § 2-7-103(9); (6) any “non-hazardous industrial solid waste” under 27A O.S. § 2-10-103(12); and (7) any “solid waste” under 27A O.S. § 2-10-103(16).

V. STATEMENT OF PURPOSE

4. By entering into this Consent Decree, the mutual objective of the Parties is for Settling Defendants to make cash payments, which include a premium, and are computed taking into account a negotiated share of responsibility attributed to the Settling Federal Agency and paid by it to EPA, to resolve Settling Defendants’ alleged civil liability to the United States and the State with regard to the Site under Sections 106 and 107 of CERCLA, 42 U.S.C. §§ 9606 and 9607, under Section 7003 of RCRA, 42 U.S.C. § 6973, and similar State laws as provided in the Covenants by Plaintiffs in Section VIII, subject to the Reservations of Rights by Plaintiffs in Section IX.

VI. PAYMENT OF RESPONSE COSTS

5. Settling Defendants’ Payments to EPA.

a. The Doe Run Resources Corporation shall pay to EPA \$3,433,137 forty-five days from the Effective Date, on which no interest shall be due except as provided in Paragraph 8.

b. NL Industries, Inc. shall pay to EPA \$6,603,590 in three payments plus Interest as provided in this Consent Decree. Each payment, except for the first, on which no Interest shall be due except as provided in Paragraph 8, shall include the principal amount due plus an additional sum for accrued Interest on the declining balance calculated from the Effective Date. NL Industries, Inc. shall pay \$3,000,000 as NL Industries, Inc.’s first payment 30 days from the Effective Date. NL Industries, Inc. shall pay \$2,000,000 plus Interest as NL Industries,

Inc.'s second payment on or before the first anniversary of the Effective Date. NL Industries, Inc. shall pay \$1,603,590 plus Interest as NL Industries, Inc.'s third payment on or before the second anniversary of the Effective Date.

c. Payments by Settling Defendants to EPA shall be made at <https://www.pay.gov> to the U.S. Department of Justice account, in accordance with instructions that shall be provided to Settling Defendants by the Financial Litigation Unit ("FLU") of the United States Attorney's Office for the Northern District of Oklahoma. The payment instructions provided by the FLU shall include a Consolidated Debt Collection System ("CDCS") number, which shall be used to identify all payments required to be made in accordance with this Consent Decree. The FLU shall provide the payment instructions to:

For The Doe Run Resources Corporation:

Mark R. Yingling
Vice President – Environmental, Health & Safety
1801 Park 270 Drive
Suite 300
St. Louis, MO 63146
(314) 453-7658

For NL Industries, Inc.:

Courtney J. Riley
5430 LBJ Freeway
Suite 1700
Dallas, Texas 75240-2697
972-448-1466
criley@valhi.net

Each Settling Defendant may change the individuals to receive payment instructions on the Settling Defendant's behalf by providing written notice of such change to DOJ and EPA in accordance with Section XII (Notices and Submissions).

d. At the time a Settling Defendant makes a payment, the Settling Defendant shall send notice that payment has been made to EPA and DOJ in accordance with Section XII (Notices and Submissions), and by email to EPA and DOJ at acctsreceivable.cinwd@epa.gov and EESCaseManagement.ENRD@usdoj.gov, or by mail to:

EPA Cincinnati Finance Office
26 Martin Luther King Drive
Cincinnati, Ohio 45268 and

EES Case Management Unit
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611 Ben Franklin Station
Washington, DC 20044-7611
Re: DOJ No. 90-11-2-330/2

Such notice shall reference the CDCS Number, Site/Spill ID Number 06JW, and DOJ case number 90-11-2-330/2.

e. All amounts to be paid pursuant to Paragraph 5 shall be deposited by EPA in the Tar Creek Superfund Site Special Account to be retained and used to conduct or finance response actions at or in connection with the Site, or to be transferred by EPA to the EPA Hazardous Substance Superfund.

6. Settling Defendants' Payments to the State.

a. The Doe Run Resources Corporation shall pay to the State \$62,000 forty-five days from the Effective Date.

b. NL Industries, Inc. shall pay to the State \$225,000 forty-five days from the Effective Date.

c. Payments by Settling Defendants to the State shall be made as follows:
Payment by check made payable to the Oklahoma Department of Environmental Quality. Mail

to: Clayton Eubanks, Oklahoma Attorney General's Office, 313 N.E. 21st Street Oklahoma City, Oklahoma 73015.

7. Payments by Settling Federal Agency. As soon as reasonably practicable after the Effective Date, the United States, on behalf of Settling Federal Agency, shall:

a. Pay to EPA \$5,000,000. The total amount to be paid on behalf of Settling Federal Agency pursuant to this Paragraph shall be deposited by EPA in the Tar Creek Superfund Site Special Account to be retained and used to conduct or finance response actions at or in connection with the Site, or to be transferred by EPA to the EPA Hazardous Substance Superfund.

b. Interest. In the event that any payment required by Paragraph 7 (Payments by Settling Federal Agency) is not made within 120 days after the Effective Date, the United States on behalf of Settling Federal Agency shall pay Interest on the unpaid balance at the rate established pursuant to Section 107(a) of CERCLA, 42 U.S.C. § 9607(a), with such Interest commencing on the 121st day after the Effective Date and accruing through the date of the payment.

c. The Parties to this Consent Decree recognize and acknowledge that the payment obligations of Settling Federal Agency under this Consent Decree can only be paid from appropriated funds legally available for such purpose. Nothing in this Consent Decree shall be interpreted or construed as a commitment or requirement that Settling Federal Agency obligate or pay funds in contravention of the Anti-Deficiency Act, 31 U.S.C. § 1341, or any other applicable provision of law.

VII. FAILURE TO COMPLY WITH CONSENT DECREE

8. Interest on Late Payments. If a Settling Defendant fails to make any payment required by Paragraph 5 (Settling Defendants' Payments to EPA) or required by Paragraph 6 (Settling Defendants' Payments to the State) by the required due dates, all of that Settling Defendant's remaining installment payments, to the EPA or to the State as the case may be, and all accrued Interest on such payments shall become immediately due to EPA for late payments associated with Paragraph 5, or to the State for late payments associated with Paragraph 6, provided that the Settling Defendant fails to cure by remitting payment plus all accrued Interest on such payment within ten (10) days after receipt by the Settling Defendant of notice from EPA or the State that a required payment was not received. If the first payment to EPA or to the State is not timely made, Interest on the untimely payment shall accrue from the Effective Date. Interest shall continue to accrue on any unpaid amounts until the total amount due including accrued Interest has been received by the EPA for payments associated with Paragraph 5 or by the State for payments associated with Paragraph 6.

9. Stipulated Penalties.

a. If a Settling Defendant fails to pay any amounts due under Paragraph 5 (Settling Defendants' Payments to EPA) or due under Paragraph 6 (Settling Defendants' Payments to the State) by the required due date, that Settling Defendant shall be in violation of this Consent Decree and shall pay a stipulated penalty of \$900 per violation per day that such payment is late. The Settling Defendant shall pay stipulated penalties in addition to the Interest required by Paragraph 8. Settling Defendants shall pay stipulated penalties to the EPA for failing to comply with Paragraph 5 (Settling Defendants' Payments to EPA). Settling Defendants shall

pay stipulated penalties to the State for failing to comply with Paragraph 6 (Settling Defendants' Payments to the State).

b. A Settling Defendant's stipulated penalties are due and payable within 30 days after the date of the demand for payment of the penalties by EPA or the State.

c. Instructions for payment of Stipulated Penalties to EPA. A Settling Defendant shall identify all payments to EPA under this Paragraph as "stipulated penalties" and the Settling Defendant shall make these payments by Fedwire Electronic Funds Transfer to:

Federal Reserve Bank of New York
ABA = 021030004
Account = 68010727
SWIFT address = FRNYUS33
33 Liberty Street
New York, NY 10045
Field Tag 4200 of the Fedwire message should read "D 68010727 Environmental Protection Agency"

and the Settling Defendant's payments shall reference the CDCS Number, Site/Spill ID Number 06JW, and DOJ Case Number 90-11-2-330/2. At the time of payment to EPA, the Settling Defendant shall send notice that payment has been made to EPA and DOJ in accordance with Section XII (Notices and Submissions), and to the EPA Cincinnati Finance Office by email at cinwd_acctsreceivable@epa.gov or by mail to:

EPA Cincinnati Finance Office
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Such notice shall reference the CDCS Number, Site/Spill ID Number 06JW, and DOJ Case Number 90-11-2-330/2.

d. Instructions for payment of Stipulated Penalties to the State. A Settling Defendant shall identify all payments to the State under this Paragraph as "stipulated penalties"

and the Settling Defendant shall make these payments by check made payable to the Oklahoma Department of Environmental Quality. Mail to: Clayton Eubanks, Oklahoma Attorney General's Office, 313 N.E. 21st Street Oklahoma City, Oklahoma 73015.

e. Stipulated penalties shall accrue as provided in this Paragraph regardless of whether EPA or the State has notified Settling Defendant of the violation or made a demand for payment, but need only be paid upon demand by EPA for penalties associated with Paragraph 5 (Settling Defendants' Payments to EPA) or upon demand by the State for penalties associated with Paragraph 6 (Settling Defendants' Payments to the State). All penalties shall begin to accrue on the day after payment is due and shall continue to accrue through the date of payment. Nothing in this Consent Decree shall prevent the simultaneous accrual of separate penalties for separate violations of this Consent Decree.

10. If the United States or the State brings an action to enforce this Consent Decree against a Settling Defendant, the Settling Defendant named in that action shall reimburse the United States or the State, for all costs of such action, including but not limited to costs of attorney time. That is, the Settling Defendants shall reimburse the United States for the costs it incurs, and the Settling Defendants shall reimburse the State for costs it incurs.

11. Payments made under this Section shall be in addition to any other remedies or sanctions available to Plaintiffs by virtue of a Settling Defendant's failure to comply with the requirements of this Consent Decree.

12. Notwithstanding any other provision of this Section, the United States may, in its unreviewable discretion, waive payment of any portion of the stipulated penalties due to EPA that have accrued pursuant to this Consent Decree. Notwithstanding any other provision of this Section, the State may, in its unreviewable discretion, waive payment of any portion of the

stipulated penalties due to the State that have accrued pursuant to this Consent Decree. Payment of stipulated penalties shall not excuse a Settling Defendant from payment as required by Section VI or from performance of any other requirements of this Consent Decree.

VIII. COVENANTS BY PLAINTIFFS

13. Covenants for Settling Defendants by United States. In consideration of the payments that will be made by each Settling Defendant under this Consent Decree, and except as specifically provided in Section IX (Reservation of Rights by the United States and State of Oklahoma), the United States covenants not to sue or to take administrative action against a Settling Defendant pursuant to Sections 106 and 107(a) of CERCLA, 42 U.S.C. §§ 9606 and 9607(a) and Section 7003 of RCRA, 42 U.S.C. § 6973, relating to Operable Unit 2, Operable Unit 4 and Operable Unit 5 of the Site. These covenants shall take effect upon the Effective Date. These covenants as to each Settling Defendant are conditioned upon the satisfactory performance by that Settling Defendant of its obligations under this Consent Decree. These covenants extend only to each Settling Defendant and do not extend to any other person.

14. Covenants for Settling Federal Agency by EPA. In consideration of the payments that will be made by the United States on behalf of the Settling Federal Agency under the terms of the Consent Decree, and except as specifically provided in Section IX (Reservation of Rights by the United States and State of Oklahoma), EPA covenants not to take administrative action against Settling Federal Agency pursuant to Sections 106 and 107(a) of CERCLA, 42 U.S.C. §§ 9606 and 9607(a), and Section 7003 of RCRA, 42 U.S.C. § 6973, relating to Operable Unit 2, Operable Unit 4 and Operable Unit 5 of the Site. These covenants shall take effect upon the Effective Date. EPA's covenants described in this Paragraph 14 are conditioned upon the satisfactory performance by the United States on behalf of the Settling Federal Agency of its

obligations under this Consent Decree. EPA's covenant extends only to Settling Federal Agency and does not extend to any other person.

15. Covenants for Settling Defendants by the State of Oklahoma. In consideration of the payments that will be made by each Settling Defendant under the terms of the Consent Decree, and except as specifically provided in Section IX (Reservation of Rights by the United States and State of Oklahoma), the State covenants not to sue or to take administrative action against a Settling Defendant pursuant to 27A O.S. § 1-3-101(B)(10), § 2-3-506, § 2-6-105, and 50 O.S. § 5, Section 7002 of RCRA and Section 107(a) of CERCLA relating to Operable Unit 2, Operable Unit 4 and Operable Unit 5 of the Site. These covenants shall take place upon the Effective Date. These covenants are conditioned upon the satisfactory performance by the Settling Defendant of the Settling Defendant's obligations under this Consent Decree. These covenants extend only to each Settling Defendant and do not extend to any other person.

16. Covenants for Settling Federal Agency by the State of Oklahoma. In consideration of the payments that will be made by the United States to EPA on behalf of the Settling Federal Agency under the terms of the Consent Decree, and except as specifically provided in Section IX (Reservation of Rights by the United States and State of Oklahoma), the State covenants not to sue or to take administrative action against Settling Federal Agency pursuant to 27A O.S. § 1-3-101(B)(10), § 2-3-506, § 2-6-105, and 50 O.S. § 5, Section 7002 of RCRA and Section 107(a) of CERCLA relating to Operable Unit 2, Operable Unit 4 and Operable Unit 5 of the Site. These covenants shall take effect upon the Effective Date. These covenants are conditioned upon the satisfactory performance by the United States of its obligations on behalf of the Settling Federal Agency under this Consent Decree. These covenants extend only to the Settling Federal Agency and do not extend to any other person.

IX. RESERVATION OF RIGHTS BY THE UNITED STATES AND STATE OF OKLAHOMA

17. United States' and the State of Oklahoma's Reservations Relating to OU4 with Respect to Settling Defendants.

Notwithstanding any other provision of this Consent Decree, the United States and the State reserve, and this Consent Decree is without prejudice to, the right to institute proceedings in this action or in a new action, or to issue an administrative order seeking to compel The Doe Run Resources Corporation with respect to the Appendix A Property and NL Industries, Inc. with respect to the Appendix B Property to perform further response actions relating to OU4, or to reimburse the United States and/or the State for additional costs of response actions relating to OU4, if, subsequent to lodging of this Consent Decree pursuant to Paragraph 39,

- a. conditions previously unknown to EPA and/or the State are discovered; or
- b. information, previously unknown to EPA and/or the State, is received, in

whole or in part; and

EPA determines that these previously unknown conditions or information together with any other relevant information indicate that the Remedial Action at the Appendix A Property or the Appendix B Property is not protective of human health or the environment. No Party will be required to perform any O&M regardless of whether the O&M is related to the Appendix A Property or the Appendix B Property.

18. EPA's and the State of Oklahoma's Reservations Relating to OU4 with Respect to Settling Federal Agency.

Notwithstanding any other provision of this Consent Decree, EPA and the State of Oklahoma reserve, and this Consent Decree is without prejudice to, the right to issue an

administrative order seeking to compel Settling Federal Agency, with respect to the Restricted Parcels within the Appendix A Property, the Appendix B Property or the Appendix F Property, to perform further response actions relating to OU4, or to reimburse EPA and/or the State for additional costs of response actions relating to OU4, if, subsequent to lodging of this Consent Decree pursuant to Paragraph 39,

a. conditions at these Restricted Parcels, previously unknown to EPA and/or the State, are discovered; or

b. information, previously unknown to EPA and/or the State, is received, in whole or in part; and

EPA determines that these previously unknown conditions or information together with any other relevant information indicates that the Remedial Action at the Restricted Parcels on the Appendix A Property, the Appendix B Property or the Appendix F Property is not protective of human health or the environment. The Settling Federal Agency will not be required to perform any O&M regardless of whether the O&M is related to the Appendix A Property, the Appendix B Property or the Appendix F Property.

19. For purposes of Paragraph 17 and 18, the information and the conditions known to EPA and/or the State shall include only that information and those conditions known to EPA and/or the State as of the date the Consent Decree is lodged in federal court pursuant to Paragraph 39 and set forth in the OU4 ROD, the administrative record supporting the OU4 ROD, or the OU4 post-ROD administrative record as of the date of lodging. The entire OU4 post-ROD administrative record as of the date of lodging consists of the documents and information listed in Appendix D, which is further evidenced by digital versatile disk (DVD) "D" provided to Settling Defendants on November 5, 2014.

20. United States' and the State of Oklahoma's Reservations Relating to OU5 with Respect to Settling Defendants.

Notwithstanding any other provision of this Consent Decree, the United States and the State reserve, and this Consent Decree is without prejudice to, the right to institute proceedings in this action or in a new action, or to issue an administrative order seeking to compel The Doe Run Resources Corporation with respect to the Appendix A Property and NL Industries, Inc. with respect to the Appendix B Property to perform further response actions relating to OU5, or to reimburse the United States and/or the State for additional costs of response actions relating to OU5, if, subsequent to lodging of this Consent Decree pursuant to Paragraph 39,

- a. conditions previously unknown to EPA and/or the State are discovered; or
- b. information, previously unknown to EPA and/or the State, is received, in

whole or in part; and

EPA determines that these previously unknown conditions or information together with any other relevant information indicates that the Appendix A Property or the Appendix B Property contributed hazardous substances or Waste Material to OU5 in a greater amount, or of greater toxic or other hazardous effect, than is previously known to EPA and/or the State.

21. EPA's and the State of Oklahoma's Reservations Relating to OU5 with Respect to Settling Federal Agency.

Notwithstanding any other provision of this Consent Decree, EPA and the State reserve, and this Consent Decree is without prejudice to, the right to issue an administrative order seeking to compel Settling Federal Agency with respect to the Restricted Parcels within the Appendix A Property, the Appendix B Property or the Appendix F Property, to perform further response actions relating to OU5, or to reimburse EPA and/or the State for additional costs of response

actions relating to OU5, if, subsequent to lodging of this Consent Decree pursuant to Paragraph 39,

a. conditions at these Restricted Parcels, previously unknown to EPA and/or the State are discovered; or

b. information, previously unknown to EPA and/or the State, is received, in whole or in part; and

EPA determines that these previously unknown conditions or information together with any other relevant information indicates that the Restricted Parcels on the Appendix A Property, the Appendix B Property, or the Appendix F Property contributed hazardous substances or Waste Material to OU5 in a greater amount, or of greater toxic or other hazardous effect, than is previously known to EPA and/or the State.

22. For purposes of Paragraphs 20 and 21, the information and the conditions known to EPA and/or the State shall include only that information and those conditions known to EPA and/or the State as of the date the Consent Decree is lodged in federal court pursuant to Paragraph 39 and set forth in the OU4 documents described in Paragraph 19 or set forth in the administrative record file for OU5 as of the date of lodging. The administrative record file for OU5 as of the date of lodging consists of the documents listed in Appendix E, which are further evidenced by DVD "E" provided to Settling Defendants on November 5, 2014.

23. General Reservations of Rights by the United States and the State. The United States and the State reserve, and this Consent Decree is without prejudice to, all rights against any Settling Defendant, and against the Settling Federal Agency, with respect to all matters not expressly included within Plaintiffs' covenants. Notwithstanding any other provision of this

Consent Decree, the United States and the State reserve all rights against any Settling Defendant, and the Settling Federal Agency, with respect to:

- a. liability for failure by a Settling Defendant or the Settling Federal Agency to meet a requirement of this Consent Decree;
- b. criminal liability;
- c. liability for damages for injury to, destruction of, or loss of natural resources, and for the costs of any natural resource damage assessments;
- d. liability based on the ownership or operation of the Site by a Settling Defendant or by Settling Federal Agency when such ownership or operation commences after signature of this Consent Decree by a Settling Defendant or by Settling Federal Agency;
- e. liability based on a Settling Defendant's or Settling Federal Agency's transportation, treatment, storage, or disposal, or arrangement for transportation, treatment, storage, or disposal of a hazardous substance or a solid waste at or in connection with the Site, after signature of this Consent Decree by Settling Defendants or Settling Federal Agency; and
- f. liability arising from the past, present, or future disposal, release or threat of release of a hazardous substance, pollutant, or contaminant outside of the Site.

X. COVENANTS BY SETTLING DEFENDANTS AND SETTLING FEDERAL AGENCY

24. Except as provided in Paragraph 26, each Settling Defendant covenants not to sue and agrees not to assert any claims or causes of action against the United States or the State, or their contractors or employees, with respect to Operable Unit 2, Operable Unit 4 and Operable Unit 5 of the Site and this Consent Decree, including but not limited to:

a. any direct or indirect claim for reimbursement from the EPA Hazardous Substance Superfund based on Sections 106(b)(2), 107, 111, 112, or 113 of CERCLA, 42 U.S.C. §§ 9606(b)(2), 9607, 9611, 9612, or 9613, or any other provision of law;

b. any claim arising out of response actions at or in connection with the Site, including any claim under the United States Constitution, the Oklahoma State Constitution, the Tucker Act, 28 U.S.C. § 1491, the Equal Access to Justice Act, 28 U.S.C. § 2412, or at common law; or

c. any claim pursuant to Sections 107 or 113 of CERCLA, 42 U.S.C. §§ 9607 or 9613, Section 7002(a) of RCRA, 42 U.S.C. § 6972(a), or state law relating to the Site.

25. Covenant by Settling Federal Agency. Settling Federal Agency agrees not to assert any direct or indirect claim for reimbursement from the EPA Hazardous Substance Superfund through CERCLA Sections 106(b)(2), 107, 111, 112, or 113, or any other provision of law with respect to Operable Unit 2, Operable Unit 4, and Operable Unit 5 of the Site and this Consent Decree. This covenant does not preclude demand for reimbursement from the Superfund of costs incurred by a Settling Federal Agency in the performance of its duties (other than pursuant to this Consent Decree) as lead or support agency under the National Contingency Plan (40 C.F.R. Part 300).

26. Except as provided in Paragraph 28 (Claims Against Other Potentially Responsible Parties) and Paragraph 34 (Res Judicata and Other Defenses), the covenants in this Section X shall not apply in the event the United States or the State brings a cause of action or issues an order pursuant to any of the reservations in Section IX (Reservations of Rights by Plaintiffs), other than in Paragraph 23.a (liability for failure to meet a requirement of the Consent Decree) or 23.b (criminal liability), but only to the extent that Settling Defendants' claims arise

from the same response action or response costs that the United States or the State is seeking pursuant to the applicable reservation.

27. Nothing in this Consent Decree shall be deemed to constitute approval or preauthorization of a claim within the meaning of Section 111 of CERCLA, 42 U.S.C. § 9611, or 40 C.F.R. 300.700(d).

28. Claims Against Other Potentially Responsible Parties. Settling Defendants agree not to assert any claims and to waive all claims or causes of action (including but not limited to claims or causes of action under Sections 107(a) and 113 of CERCLA) that a Settling Defendant may have for response costs relating to Operable Unit 2, Operable Unit 4, and Operable Unit 5 of the Site against any other person who is a potentially responsible party under CERCLA at the Site. This waiver shall not apply with respect to any defense, claim, or cause of action that Settling Defendants may have against any person if such person asserts a claim or cause of action relating to Operable Unit 2, Operable Unit 4, or Operable Unit 5 of the Site against such Settling Defendants. This waiver also shall not apply if the United States or the State, as applicable, brings a cause of action or issues an order to a Settling Defendant pursuant to the reservations of rights in Paragraphs 17 through 22 (United States Reservations relating to OU4 and OU5).

29. Settling Defendants do not own real property at the Site.

XI. EFFECT OF SETTLEMENT/CONTRIBUTION

30. Except as provided in Paragraph 28 (Claims Against Other Potentially Responsible Parties), nothing in this Consent Decree shall be construed to create any rights in, or grant any cause of action to, any person not a Party to this Consent Decree. Except as provided in Section X (Covenants by Settling Defendants and Settling Federal Agency), each of the Parties expressly reserves any and all rights (including, but not limited to, under Section 113 of

CERCLA, 42 U.S.C. § 9613), defenses, claims, demands, and causes of action which it may have with respect to any matter, transaction, or occurrence relating in any way to the Site against any person not a Party hereto. Nothing in this Consent Decree diminishes the right of the United States, pursuant to Section 113(f)(2) and (3) of CERCLA, 42 U.S.C. § 9613(f)(2)-(3), to pursue any such persons to obtain additional response costs or response action and to enter into settlements that give rise to contribution protection pursuant to Section 113(f)(2).

31. The Parties agree, and by entering this Consent Decree this Court finds, that this Consent Decree constitutes a judicially-approved settlement pursuant to which each Settling Defendant and Settling Federal Agency have, as of the Effective Date, resolved liability to the United States and the State within the meaning of Section 113(f)(2) of CERCLA, 42 U.S.C. § 9613(f)(2), and is entitled, as of the Effective Date, to protection from contribution actions or claims as provided by Section 113(f)(2) of CERCLA, or as may be otherwise provided by law, for the “matters addressed” in this Consent Decree. The “matters addressed” in this Consent Decree are all response actions taken or to be taken and all response costs incurred or to be incurred at or in connection with OU2, OU4, and OU5, by the United States, the State, or any other person; provided, however, that if the United States exercises rights under the reservations in Section IX (Reservations of Rights by Plaintiffs), other than in Paragraph 23.a (liability for failure to meet a requirement of the Consent Decree) or Paragraph 23.b (criminal liability), the “matters addressed” in this Consent Decree will no longer include those response costs or response actions that are within the scope of the exercised reservation.

32. The Parties further agree, and by entering this Consent Decree this Court finds, that the complaints filed by the United States and the State in this action are civil actions within the meaning of Section 113(f)(1) of CERCLA, 42 U.S.C. § 9613(f)(1), and that this Consent

Decree constitutes a judicially-approved settlement pursuant to which each Settling Defendant and Settling Federal Agency has, as of the Effective Date, resolved liability to the United States and the State within the meaning of Section 113(f)(3)(B) of CERCLA, 42 U.S.C. § 9613(f)(3)(B).

33. Each Settling Defendant shall, with respect to any suit or claim brought by it for matters related to this Consent Decree, notify EPA and DOJ and the State in writing no later than 60 days prior to the initiation of such suit or claim. Each Settling Defendant also shall, with respect to any suit or claim brought against it for matters related to this Consent Decree, notify EPA and DOJ and the State in writing within 10 days after service of the complaint or claim upon it. In addition, each Settling Defendant shall notify EPA and DOJ and the State within 10 days after service or receipt of any Motion for Summary Judgment, and within 10 days after receipt of any order from a court setting a case for trial, for matters related to this Consent Decree.

34. Res Judicata and Other Defenses.

In any subsequent administrative or judicial proceeding initiated by the United States or the State for injunctive relief, recovery of response costs, or other relief relating to the Site, Settling Defendants (and with respect to a State Action, Settling Federal Agency) shall not assert, and may not maintain, any defense or claim based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion, claim-splitting, or other defenses based upon any contention that the claims raised by the United States or the State in the subsequent proceeding were or should have been brought in the instant case; provided, however, that nothing in this Paragraph affects the enforceability of the Covenants by Plaintiffs set forth in Section VIII.

XII. NOTICES AND SUBMISSIONS

35. Whenever, under the terms of this Consent Decree, notice is required to be given or a document is required to be sent by one party to another, it shall be directed to the individuals at the addresses specified below, unless those individuals or their successors give notice of a change to the other Parties in writing. Written notice as specified in this Section shall constitute complete satisfaction of any written notice requirement of the Consent Decree with respect to EPA, DOJ, the State, and Settling Defendants, respectively.

As to DOJ:

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611
Re: DJ # 90-11-2-330/2

and

Chief, Environmental Defense Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611
Re: DJ# 90-11-6-16198/1

As to EPA:

Director, Superfund Division (6SF)
United States Environmental Protection Agency
Region 6
1445 Ross Avenue
Dallas, TX 75202-2733,

and

Ms. Lydia Johnson (6SF-TE)
Superfund Enforcement Assessment Section Chief

United States Environmental Protection Agency
Region 6
1445 Ross Avenue
Dallas, TX 75202-2733

As to the State:

Mr. Clayton Eubanks
Deputy Solicitor General
Oklahoma Attorney General's Office
313 N.E. 21st Street
Oklahoma City, Oklahoma 73013

Pam Dizikes
Attorney
Oklahoma Department of Environmental Quality
P.O. Box 1677
Oklahoma City, OK 73101-1677

As to The Doe Run Resources Corporation:

Mark Yingling
Vice President – Environmental, Health & Safety
The Doe Run Resources Corporation
1801 Park 270 Drive, Suite 300
St. Louis, MO 63146

As to NL Industries, Inc.:

Ms. Courtney J. Riley
NL Industries, Inc.
VP Environmental Affairs
5430 LBJ Freeway, Suite 1700
Dallas, Texas 75240

and

Mr. Christopher R. Gibson
Archer & Greiner, P.C.
One Centennial Square
Haddonfield, NJ 08033

XIII. RETENTION OF JURISDICTION

36. This Court shall retain jurisdiction over this matter for the purpose of interpreting and enforcing the terms of this Consent Decree.

XIV. INTEGRATION/APPENDICES AND MODIFICATION

37. This Consent Decree and its appendices constitute the final, complete, and exclusive agreement and understanding among the Parties with respect to the settlement embodied in this Consent Decree. The Parties acknowledge that there are no representations, agreements, or understandings relating to the settlement other than those expressly contained in this Consent Decree. The following appendices are attached to and incorporated into this Consent Decree:

- a. "Appendix A," "Appendix B," and "Appendix F" are each a map of certain Site lands, identified on the maps. These maps identify the Appendix A Property, the Appendix B Property, and the Appendix F Property, respectively.
- b. "Appendix C" is a map of the Site.
- c. "Appendix D" is the list of documents that are the OU4 Post-ROD Administrative Record as of the date of lodging.
- d. "Appendix E" is the list of documents that are the administrative record file for OU5 as of the date of lodging.
- e. "Appendix F" is a map of certain lands containing identified chat piles, chat bases, and fine tailings on OU4.

38. Modifications to this Consent Decree shall be in writing, signed by the United States and the affected Settling Defendant, and shall be effective upon approval by the Court.

All modifications to the Consent Decree also shall be signed by the State, or a duly authorized representative of the State, as appropriate.

XV. LODGING AND OPPORTUNITY FOR PUBLIC COMMENT

39. This Consent Decree shall be lodged with the Court for a period of not less than 30 days for public notice and comment. The United States reserves the right to withdraw or withhold its consent if the comments regarding the Consent Decree disclose facts or considerations that indicate that this Consent Decree is inappropriate, improper, or inadequate. Settling Defendants consent to the entry of this Consent Decree without further notice.

40. If for any reason this Court should decline to approve this Consent Decree in the form presented, this agreement is voidable at the sole discretion of any Party and the terms of the agreement may not be used as evidence in any litigation between the Parties.

XVI. SIGNATORIES/SERVICE

41. The undersigned representatives of the Settling Defendants to this Consent Decree and the Assistant Attorney General for the Environment and Natural Resources Division of the United States Department of Justice each certify that he or she is authorized to enter into the terms and conditions of this Consent Decree and to execute and bind legally such Party to this document.

42. Settling Defendants agree not to oppose entry of this Consent Decree by this Court or to challenge any provision of this Consent Decree, unless the United States has notified Settling Defendants in writing that it no longer supports entry of the Consent Decree.

43. Each Settling Defendant shall identify, on the attached signature page, the name and address of an agent who is authorized to accept service of process by mail on behalf of that Party with respect to all matters arising under or relating to this Consent Decree. Each Settling

Defendant agrees to accept service in that manner and to waive the formal service requirements set forth in Rule 4 of the Federal Rules of Civil Procedure and any applicable local rules of this Court, including but not limited to, service of a summons. The Parties agree that Settling Defendants need not file an answer to the complaint in this action unless or until the Court expressly declines to enter this Consent Decree.

XVII. FINAL JUDGMENT

44. Upon entry of this Consent Decree by the Court, this Consent Decree shall constitute the final judgment between and among the United States, the State, and Settling Defendants.

SO ORDERED THIS _____ DAY OF _____, 2___.

United States District Judge

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of *United States and State of Oklahoma v. The Doe Run Resources Corporation and NL Industries, Inc.*, No. 4:15-cv-00663-CVE-TLW, relating to the Tar Creek Superfund Site.

FOR THE UNITED STATES OF AMERICA

Date: 11-20-2015

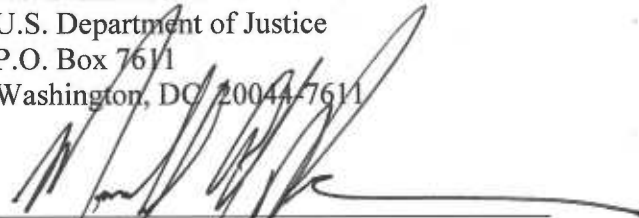


John C. Cruden
Assistant Attorney General
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, DC 20044-7611

Danny C. Williams, Sr.
United States Attorney
By: s/ Cathryn C. McClanahan
Cathryn D. McClanahan
Assistant United States Attorney
110 West 7th Street, Suite 300
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Sam Blesi
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Environmental Enforcement Section
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Washington, DC 20044-7611



Michael D. Rowe
Trial Attorney
Environmental Defense Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, DC 20044-7611



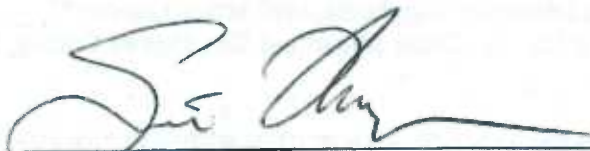
Carl E. Edlund, P.E.
Director, Superfund Division
U.S. Environmental Protection Agency Region 6
1445 Ross Avenue
Dallas, TX 75202-2733



James E. Costello
Practice Group Leader
U.S. Environmental Protection Agency Region 6
1445 Ross Avenue
Dallas, TX 75202-2733

FOR THE STATE OF OKLAHOMA

DATE: 7-27-15



Scott Thompson,
Executive Director
Oklahoma Department of Environmental Quality
P.O. Box 1677
Oklahoma City, OK 73101-1677



P. Clayton Eubanks
Deputy Solicitor General
Oklahoma Attorney General's Office
313 N.E. 21st Street
Oklahoma City, OK 73105

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of the United States and the State of Oklahoma v. The Doe Run Resources Corporation and NL Industries Inc., Northern District of Oklahoma, civil action number 4:15-cv-00663-CVE-TLW relating to the Tar Creek Superfund Site, Ottawa County, Oklahoma.

FOR DEFENDANT THE DOE RUN RESOURCES CORPORATION

Date: July 22, 2015



Mark Yingling
Vice President – Environmental, Health & Safety

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name: Meghan Safell
Title: CT Corporation System
Address: 120 South Central Avenue, Suite 400
Clayton, MO 63105

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of *United States and State of Oklahoma v. The Doe Run Resources Corporation and NL Industries, Inc.*, No. 4:15-cv-00663-CVE-TLW, relating to the Tar Creek Superfund Site.

FOR DEFENDANT NL INDUSTRIES, INC.

Date: July 17, 2015



[Names and addresses of Defendant's signatories]

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name: ROBERT D. GRAHAM

Title: PRESIDENT & CHIEF EXECUTIVE OFFICER

Address: _____

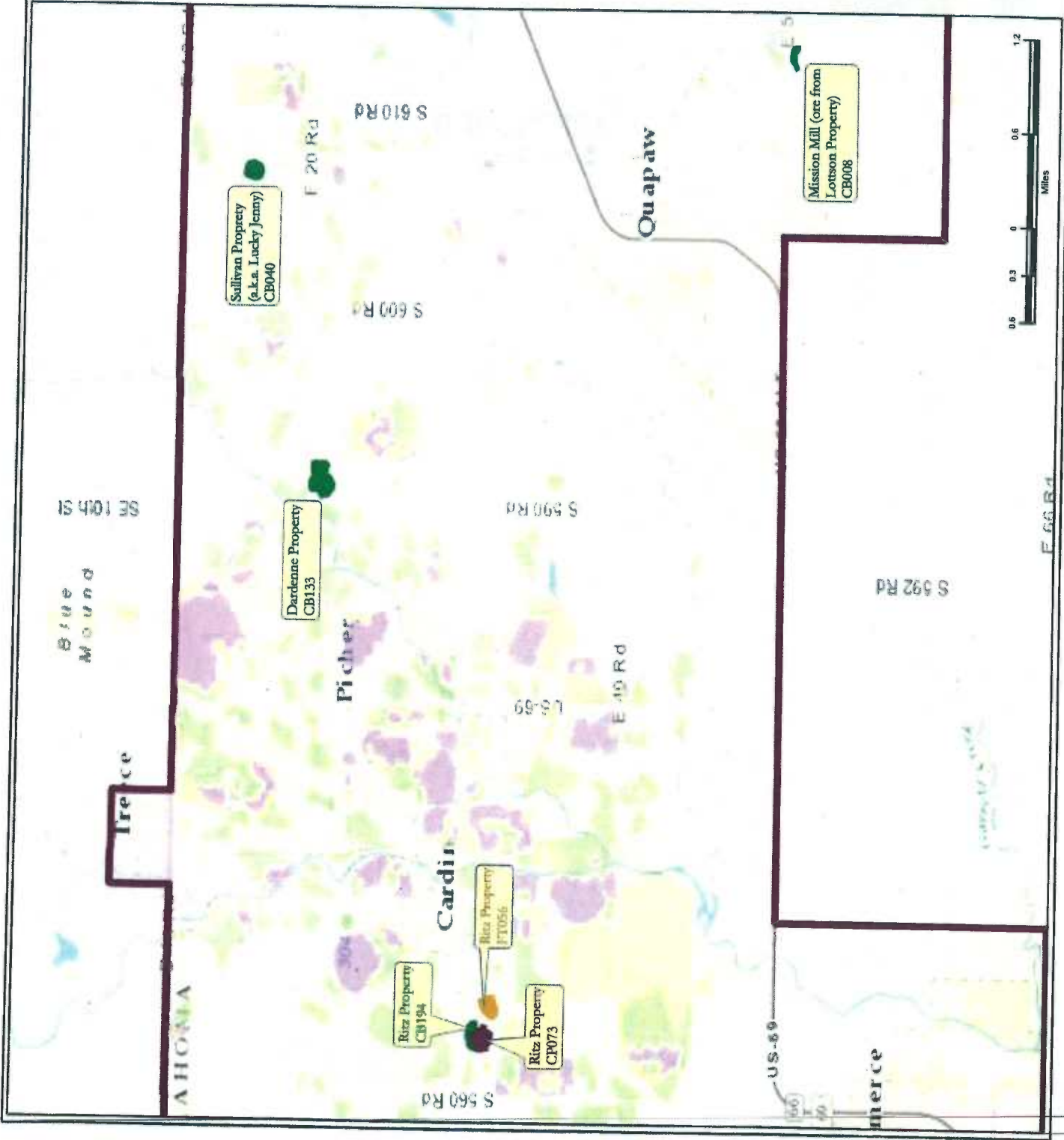
APPENDIX A

U.S. & State of Oklahoma v.
The Doe Run Resources Corporation &
NL Industries, Inc.
Consent Decree for Cashout of Operable
Units 2, 4, and 5 of the Tar Creek
Superfund Site, Ottawa County, Oklahoma
APPENDIX A

Legend

- Tar Creek OUA
- State Boundary
- Appendix A Properties
 - Base
 - Fine
 - Pile
- Other Tailings
 - Base
 - Fine
 - Pile

Sources: Chat Piles, Fines, Bases, and
Mills - AATA International
Tar Creek OUA - EPA Region 6,
State Boundary - Census Bureau 2010
TIGER/Line Files,
Topographic Basemap - Esri



APPENDIX B

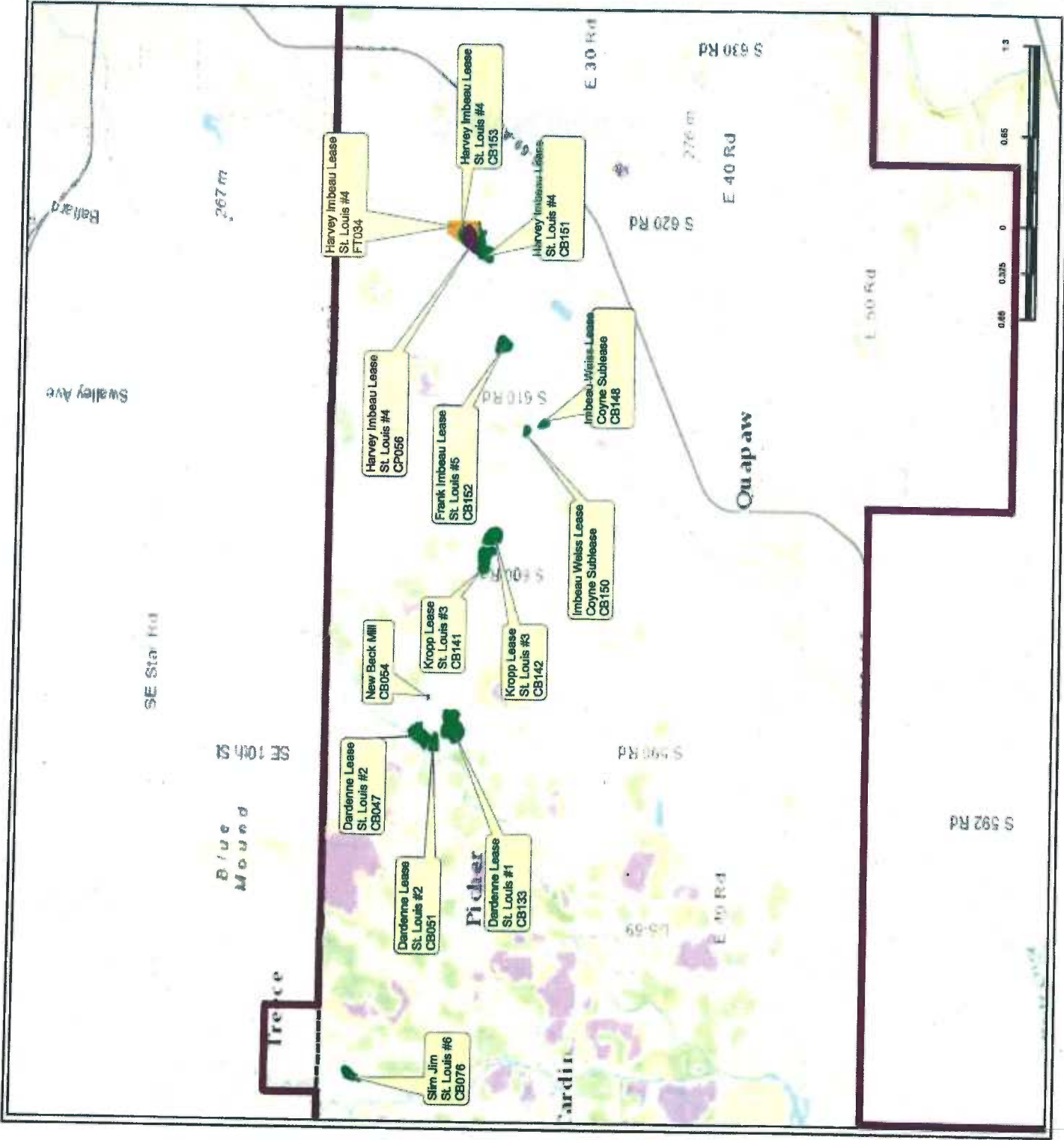
U.S. & State of Oklahoma v.
 The Doe Run Resources Corporation &
 NL Industries, Inc.
 Consent Decree for Cashout of Operable
 Units 2, 4, and 5 of the Tar Creek
 Superfund Site, Ottawa County, Oklahoma
 APPENDIX B

Legend

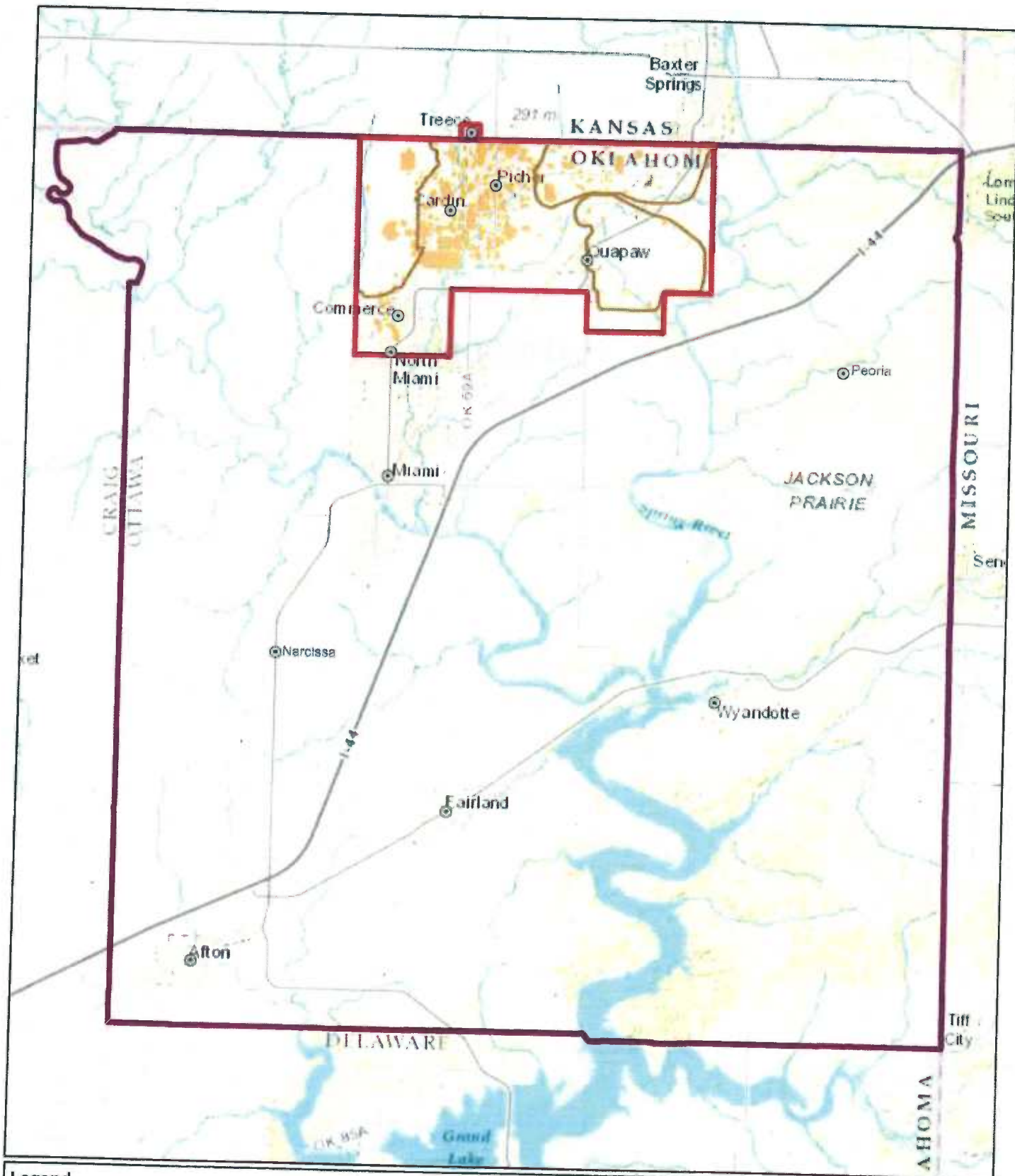
- State Boundary
- Tar Creek OUA
- Appendix B Properties
 - Base
 - File
 - Pho
- Other Tailings
 - Base
 - File
 - Pho



Sources: Chat Files, Files, Bases, and
 Mills -AATA International,
 Tar Creek OUA-EPA Region 6
 State Boundary Census Bureau 2010
 TIGERLine Files
 Topographic Basemap - Esri



APPENDIX C



- Legend**
- OU 2
 - OU 4
 - City/Town
 - Waste Area
 - Distal Zone

Tar Creek Superfund Site Ottawa County, OK



Data Sources: EPA, Esri, CH2MHill, AATA International and NAVTEQ



EPA Region 6
Superfund Division
Dallas, TX
2/19/2014



20140219.D01

APPENDIX D

APPENDIX D
 UNITED STATES OF AMERICA and STATE OF OKLAHOMA v. THE DOE RUN RESOURCES CORPORATION AND NL INDUSTRIES, INC.
 CONSENT DECREE

SEMS-DMS DOCID	DOC DATE	PAGE COUNT	TITLE	ADDRESSEE	AUTHOR
9531915	10/02/2014	2	[TRANSMITTAL OF TECHNICAL MEMORANDUMS INVOLVING GROUNDWATER MONITORING]	PIEHL JACOB, (U.S. EPA) LUCKETT CASEY, (U.S. EPA) COSTELLO JAMES, (U.S. EPA)	LENNOX URSULA, (U.S. EPA)
9421192	10/01/2014	717	[UNRECONCILED COST RECOVERY DOCUMENTATION 10/01/1980 - 06/31/2014 \$158889742.86]	NONE, (NONE SPECIFIED)	NONE, (NONE SPECIFIED)
9108091	04/15/2011	2	[TRANSMITTAL OF REMEDIAL ACTION CONTRACT EP-W-06-021 REMEDIAL DESIGN REPORT - CENTRAL MILL FINE TAILINGS POND AND REPOSITORY SOURCE MATERIAL FOR TAR CREEK]	LENNOX URSULA, (U.S. EPA)	DASAPPA SRINI, (CH2M HILL INCORPORATED)
9108092	05/12/2011	1	[TRANSMITTAL OF TECHNICAL MEMORANDUM - OPTIONS FOR REFINING TRANSITION ZONE SOIL REMEDIATION EXTENT FOR TAR CREEK 004]	HUGHES ANGELA, (ODEQ) CATES DAVID, (ODEQ) DATTIN DENNIS, (ODEQ)	LENNOX URSULA, (U.S. EPA)
9531918	08/01/2014	3	SUMMARY OF OBSERVED CONDITIONS AT CERTAIN 004 LOCATIONS	NONE, (NONE SPECIFIED)	NONE, (NONE SPECIFIED)
9533671	02/21/2012	10	PROPOSED GEOTECHNICAL INVESTIGATION REMEDIAL ACTION CONSTRUCTION PLANNING ATLAS PILE AND SAMPLE PILE	LENNOX URSULA, (U.S. EPA)	NONE, (CH2M HILL INCORPORATED)
9533673	01/18/2012	9	BEAVERCREEK PHOTOGRAPH LOG VERSION 0	NONE, (NONE SPECIFIED)	NONE, (NONE SPECIFIED)
9533674	09/20/2011	45	BEAVER CREEK RESTORATION PLAN	NONE, (NONE SPECIFIED)	NONE, (NONE SPECIFIED)
712239	07/11/2014	74	TECHNICAL MEMORANDUM - GROUNDWATER SAMPLING AT SOONER PILE AND DOWN GRADIENT WELLS - APRIL 2014 - TAR CREEK SOURCE MATERIAL 003 REMEDIAL ACTION	LENNOX URSULA, (U.S. EPA)	NONE, (CH2M HILL)
9531914	07/11/2014	1	[TRANSMITTAL OF TECHNICAL MEMORANDUM - GROUNDWATER SAMPLING AT SOONER PILE AND DOWN GRADIENT WELLS - APRIL 2014 - TAR CREEK SOURCE MATERIAL 003 REMEDIAL ACTION]	LENNOX URSULA, (U.S. EPA)	OHARE MARGARET, (CH2M HILL)
9531916	07/11/2014	1	APPENDIX B PROPERTIES - MAP	NONE, (NONE SPECIFIED)	NONE, (CH2M HILL)
9531917	07/09/2014	1	APPENDIX B PROPERTIES - TABLE	NONE, (NONE SPECIFIED)	NONE, (CH2M HILL)
9533675	01/18/2012	18	OPTIONS TO ADDRESS MINE SHAFT DISCHARGE TO BEAVER CREEK	LENNOX URSULA, (U.S. EPA)	NONE, (CH2M HILL INCORPORATED)
9533676	02/21/2012	6	RESPONSES TO QUAPAW TRIBE COMMENTS DATED 02/21/2012 ON OPTIONS TO ADDRESS MINE SHAFT DISCHARGE TO BEAVER CREEK	NONE, (NONE SPECIFIED)	NONE, (CH2M HILL INCORPORATED)
9533677	09/09/2011	54	BEAVER CREEK RESTORATION - INSTREAM CHAT REMOVAL AND BANK STABILIZATION	LENNOX URSULA, (U.S. EPA)	NONE, (CH2M HILL INCORPORATED)
9533679	06/01/2007	8	FACT SHEET: TRI-STATE MINING DISTRICT - CHAT MINING WASTE	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533688	06/01/2011	58	CHAT RULE COMPLIANCE PLAN VERSION 1	NONE, (U.S. EPA)	NONE, (E2 CONSULTING ENGINEERS INCORPORATED) NONE, (CH2M HILL INCORPORATED) NONE, (WESTON SOLUTIONS)
9533689	05/01/2013	4	FACT SHEET: PROJECT UPDATE FOR PROPERTY OWNERS - CLEANUP PROCESS OVERVIEW	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533692	02/13/2012	2	FACT SHEET: TRUCK HAUL ROUTES FOR UPCOMING CHAT REMOVAL LOCATION NEAR QUAPAW	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533693	07/13/2012	2	FACT SHEET: EPA ANNOUNCES TRUCK HAUL ROUTES FOR WORK AT NEW LOCATION NEAR QUAPAW	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533694	08/07/2013	1	MAP: HAUL ROUTE FOR CURRENT REMOVAL AREAS	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA) NONE, (CH2M HILL INCORPORATED)
9533695	06/29/2010	1	FLYER: CHAT MARKETING SEMINAR	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533696	02/28/2012	1	FLYER: YOUR CHILDREN'S SAFETY IS IMPORTANT TO US - EPA CONSTRUCTION ARE UNDERWAY	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533697	04/01/2010	4	FACT SHEET: REMEDIAL ACTION ACTIVITY	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533699	12/06/2012	2	YOU ARE INVITED TO TAR CREEK AVAILABILITY SESSIONS	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533700	06/01/2012	1	NOTICE: SPENDING REDUCED, WORK CONTINUES	NONE, (NONE SPECIFIED)	NONE, (U.S. DOI) NONE, (U.S. EPA) NONE, (ODEQ)
9533701	06/01/2012	1	NOTICE: SPENDING REDUCED, WORK CONTINUES	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533702	06/01/2010	1	MAGNET: CONTACT INFORMATION	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533703	03/01/2012	1	FACT SHEET: SAFETY NEWS FROM EPA REGION 6	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533704	01/01/2012	4	REMEDIAL ACTION ACTIVITIES UPDATE	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533705	03/01/2011	4	FACT SHEET: REMEDIAL ACTION ACTIVITIES - MARCH 2011	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)
9533706	07/01/2011	4	FACT SHEET: REMEDIAL ACTION ACTIVITIES - JULY 2011	NONE, (NONE SPECIFIED)	NONE, (U.S. EPA)

UNITED STATES OF AMERICA and STATE OF OKLAHOMA v. THE DOE RUN RESOURCES CORPORATION AND NL INDUSTRIES, INC.
 APPENDIX D
 CONSENT DECREE

SEMS- DMS DOCID	DOC DATE	PAGE COUNT	TITLE	ADDRESSEE	AUTHOR
9533707	09/19/2013	1	POST CARD: PROPERTY CLEANUP, AVAILABILITY SESSION INTEREST CARD	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9533708	08/30/2013	1	[EPA LETTER TO RESTRICTED OWNERS REGARDING ACCESS AGREEMENT, FUNDS, AND AVAILABILITY SESSION]	NONE , (NONE SPECIFIED)	LENNOX URSULA , (U.S. EPA)
9533709	08/30/2013	1	[EPA LETTER TO UNRESTRICTED OWNERS REGARDING STOP WORK AND AVAILABILITY SESSION]	NONE , (NONE SPECIFIED)	LENNOX URSULA , (U.S. EPA)
9533710	09/18/2013	3	REQUEST FOR INFORMATION AND RESPONSE - FIELD SAMPLING PLAN VERSION 1.1	NONE , (NONE SPECIFIED)	EWING DENIS , (CH2M HILL) LENNOX URSULA , (U.S. EPA)
9533712	05/09/2014	40	DISTAL 7 NORTH POST-REMEDIATION CONFIRMATION SAMPLE RESULTS	NONE , (NONE SPECIFIED)	LENNOX URSULA , (U.S. EPA)
9533713	12/05/2013	20	DISTAL 7 NORTH POST-CONSTRUCTION CONFIRMATION SAMPLE RESULTS FOR CB238 AND CB240	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533714	12/05/2013	2	RESPONSE TO ODEQ COMMENTS - DISTAL 7 NORTH POST-CONSTRUCTION CONFIRMATION SAMPLE RESULTS FOR CB238 AND CB241	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533715	12/13/2013	4	DISTAL 7 NORTH POST-CONSTRUCTION CONFIRMATION SAMPLE RESULTS FOR CP097	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533736	02/08/2011	2	[TRANSMITTAL OF CLEANUP STATUS REPORT 2010 VERSION 1.0]	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533738	02/01/2011	4917	CLEANUP STATUS REPORT 2010 VERSION 1	LENNOX URSULA , (U.S. EPA)	DASAPPA SRINI , (CH2M HILL INCORPORATED)
9533739	01/31/2012	44	CLEANUP STATUS REPORT 2011	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED)
9533740	01/30/2013	52	CLEANUP STATUS REPORT 2012	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533741	02/25/2014	36	CLEANUP STATUS REPORT 2013	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533743	03/01/2011	4889	INTERIM REMEDIAL ACTION REPORT VERSION 2	NONE , (U.S. EPA)	NONE , (GEO-MARINE INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED) NONE , (CH2M HILL INCORPORATED)
9533744	03/25/2011	3	[TRANSMITTAL OF INTERIM REMEDIAL ACTION REPORT VERSION 2.0]	LENNOX URSULA , (U.S. EPA)	DASAPPA SRINI , (CH2M HILL INCORPORATED)
9533764	12/01/2011	1870	REMEDIATION ACTION REPORT DISTAL AREA GROUP 1 NORTH	NONE , (U.S. EPA)	NONE , (GEO-MARINE INCORPORATED) NONE , (CH2M HILL INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED)
9533774	09/01/2011	2103	REMEDIATION ACTION REPORT DISTAL AREA GROUP 1 SOUTH	NONE , (U.S. EPA)	NONE , (GEO-MARINE INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED) NONE , (CH2M HILL INCORPORATED)
9533776	09/01/2011	6854	REMEDIATION ACTION REPORT DISTAL GROUP 2	NONE , (U.S. EPA)	NONE , (WESTON SOLUTIONS INCORPORATED) NONE , (GEO-MARINE INCORPORATED) NONE , (CH2M HILL INCORPORATED)
9533778	09/01/2011	3816	REMEDIATION ACTION REPORT DISTAL GROUP 3	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED) NONE , (GEO-MARINE INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED)
9533780	08/01/2014	6635	REMEDIATION ACTION REPORT DISTAL AREA GROUP 7 NORTH VERSION 1	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533782	08/01/2014	2962	REMEDIATION ACTION REPORT DISTAL AREA GROUP 7 SOUTH VERSION 1.1	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533784	12/19/2012	222	REMEDIATION ACTION REPORT FOR RESIDENTIAL YARD RS2301-17	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)

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9533785	09/01/2011	507	REMEDIAL ACTION REPORT RESIDENTIAL YARD RS2318-16	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED) NONE , (GEO-MARINE INCORPORATED)
9533787	09/01/2011	468	REMEDIAL ACTION REPORT RESIDENTIAL YARD RS2332-14	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED) NONE , (GEO-MARINE INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED)
9533789	02/01/2012	374	REMEDIAL ACTION REPORT RESIDENTIAL YARD RS2431-22	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED) NONE , (GEO-MARINE INCORPORATED)
9533790	12/01/2011	936	REMEDIAL ACTION REPORT SMELTER SITE	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED) NONE , (WESTON SOLUTIONS INCORPORATED) NONE , (GEO-MARINE INCORPORATED)
9533793	04/25/2014	22	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - DISTAL 7 NORTH CP101/CB242 DRAINAGE FEATURE SAMPLING RESULTS AND PATH FORWARD	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533795	10/17/2011	32	TECHNICAL MEMORANDUM - DEEP TILLING STUDY RESULTS TAR CREEK SUPERFUND SITE SOURCE MATERIAL OU4 RA OTTAWA COUNTY, OKLAHOMA	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533796	06/06/2011	10	TECHNICAL MEMORANDUM - DEEP TILLING PILOT PROJECT PLAN TAR CREEK SUPERFUND SITE SOURCE MATERIAL OU4 RA - OTTAWA COUNTY, OKLAHOMA	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533797	04/22/2013	2	SUBMITTAL OF REMEDIATION PLAN FOR BEAVER CREEK NORTH CP060 PROPERTY - TAR CREEK	TAYLOR MARY , (U.S. DOI) LENNOX URSULA , (U.S. EPA) HUGHES ANGELA , (ODEQ)	O-HARE MARGARET , (CH2M HILL)
9533798	04/22/2013	20	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - PLAN FOR CHAT REMOVAL, DISPOSITION, AND SURFACE RESTORATION AT BEAVER CREEK NORTH AND THE CP060 CHAT PILE	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533799	07/09/2013	22	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - PLAN FOR CHAT REMOVAL, DISPOSITION, AND SURFACE RESTORATION AT CHAT PILE CP009 AND CHAT BASES CB027 AND CB028	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533800	03/19/2012	3	TABLE 1 - QUAPAW TRIBE COMMENTS FOR TAR CREEK OU4 RA - DRAFT REMEDIATION PLANS FOR DISTAL 7 (NORTH AND SOUTH)	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533801	09/26/2012	18	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - PLAN FOR CHAT REMOVAL, DISPOSITION, AND SURFACE RESTORATION AT CHAT BASES CB238 AND CB240	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533802	09/26/2012	14	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - PLAN FOR CHAT REMOVAL, DISPOSITION, AND SURFACE RESTORATION AT CHAT PILES CP095 AND CP096	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533803	09/26/2012	12	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - PLAN FOR CHAT REMOVAL, DISPOSITION, AND SURFACE RESTORATION AT CHAT PILE CP097	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533804	09/26/2012	18	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - PLAN FOR CHAT REMOVAL, DISPOSITION, AND SURFACE RESTORATION AT THE CP101 SERIES CHAT PILES AND BASES	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533805	06/20/2012	20	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - PLAN FOR CHAT REMOVAL, DISPOSITION, AND SURFACE RESTORATION AT CHAT BASE CB011 (CATHOLIC 40)	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533806	11/06/2013	3	INDEX OF DISTAL REMEDIATION GROUPS/SITES SOURCE MATERIAL OU4 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)

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9533807	09/18/2011	1	FIGURE 3-1 TAR CREEK OU4 SITE MAP	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9533808	11/15/2012	1	FIGURE 3-1 TAR CREEK OU4 SITE MAP	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9533809	03/04/2013	1	FIGURE 1-1 UPDATED TAR CREEK OU4 DISTAL SITE STATUS MAP	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9533810	03/22/2012	36	TECHNICAL MEMORANDUM - TAR CREEK SUPERFUND SITE OU4 SOURCE MATERIAL RA - CENTRAL MILL REPOSITORY GROUNDWATER MONITORING PROGRAM 2011	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533813	02/01/2012	46	TECHNICAL MEMORANDUM - HOCKERVILLE SUBSIDENCE CONSOLIDATION AND CAPPING APPROACH - TAR CREEK OU4	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533815	05/16/2012	6	TABLE 1 - RESPONSES TO QUAPAW TRIBE COMMENTS ON TM PROPOSED INSTITUTION CONTROLS AT THE SOURCE MATERIAL CONSOLIDATION SITES - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533816	05/02/2012	40	TECHNICAL MEMORANDUM - TAR CREEK SUPERFUND SITE OU4 SOURCE MATERIAL OUA RA - PROPOSED INSTITUTIONAL CONTROLS FOR SOURCE MATERIAL CONSOLIDATION SITES (VERSION 1.1)	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9533817	08/13/2012	2	TABLE 1 - RESPONSES TO CHEROKEE NATION QUESTIONS ON THE REPONSES TO QUAPAW TRIBE COMMENTS ON THE TM PROPOSED INSTITUTION CONTROLS AT THE SOURCE MATERIAL CONSOLIDATION SITES (VERSION 1.1)	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533818	01/12/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/12/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533819	01/12/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/12/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533820	01/19/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/19/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533821	01/19/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/19/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533822	01/26/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/26/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533823	01/26/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/26/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533824	02/02/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/02/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533825	02/02/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/02/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533826	02/09/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/09/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533827	02/09/2011	2	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/09/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533828	03/02/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/02/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533829	03/02/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/02/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533830	03/09/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/09/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533831	03/09/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/09/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533832	03/16/2011	18	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/16/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533833	03/16/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/16/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533834	03/23/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/23/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533835	03/23/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/23/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533836	03/30/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/30/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533837	03/30/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/30/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533838	04/06/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/06/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533839	04/06/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/06/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)

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9533840	04/13/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/13/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533841	04/13/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/13/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533842	04/20/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/20/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533843	04/20/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/20/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533844	04/27/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/27/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533845	04/27/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/27/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533846	05/04/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/04/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533847	05/04/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/04/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533848	05/11/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/11/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533849	05/11/2011	19	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/11/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533850	05/18/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/18/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533851	05/18/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/18/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533852	05/25/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/25/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533853	05/25/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/25/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533854	06/01/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/01/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533855	06/01/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/01/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533856	06/08/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/08/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533857	06/08/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/08/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533858	06/15/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/15/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533859	06/15/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/15/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533860	06/22/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/22/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533861	06/22/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/22/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533862	06/29/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/29/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533863	06/29/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/29/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533864	07/06/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/06/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533865	07/06/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/06/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533866	07/13/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/13/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533867	07/13/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/13/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533868	07/20/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/20/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533869	07/20/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/20/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533870	07/27/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/27/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533871	07/27/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/27/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533872	08/03/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/03/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533873	08/03/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 08/03/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533874	08/10/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/10/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533875	08/10/2011	20	RD/RA ACTION ITEM LOG - MEETING MINUTES 08/10/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533876	08/17/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/17/2011	NONE , (NONE SPECIFIED)	NONE , (CHE2M HILL INCORPORATED)
9533876	08/17/2011	21	RD/RA ACTION ITEM LOG - MEETING MINUTES 08/17/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)

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9533877	08/17/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/17/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533878	08/31/2011	21	RD/RA ACTION ITEM LOG - MEETING MINUTES 08/31/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533879	08/31/2011	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/31/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533880	09/07/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 09/07/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533881	09/07/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 09/07/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533882	09/14/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 09/14/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533883	09/14/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 09/14/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533884	09/21/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 09/21/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533885	09/21/2011	5	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 09/21/2011	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533886	10/10/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/01/2011	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533887	10/05/2011	5	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 10/05/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533888	10/12/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 10/12/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533889	10/12/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 10/12/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533890	10/19/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 10/19/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533891	10/19/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 10/19/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533892	10/26/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 10/26/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533893	10/26/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 10/26/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533894	11/02/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 11/02/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533895	11/02/2011	5	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 11/02/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533896	11/09/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 11/09/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533897	11/09/2011	6	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 11/09/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533698	12/06/2012	1	YOU ARE INVITED TO TAR CREEK AVAILABILITY SESSIONS	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533898	11/16/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 11/16/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (ODBC) NONE , (U.S. EPA) NONE , (U.S. DOT)
9533899	11/16/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 11/16/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533900	11/20/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 11/20/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533901	11/20/2011	5	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 11/20/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533902	12/07/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 12/07/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533903	12/07/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 12/07/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533904	12/14/2011	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 12/14/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533905	12/14/2011	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 12/14/2011 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533906	01/04/2012	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/04/2012 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533907	01/04/2012	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/04/2012 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533908	01/11/2012	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/11/2012 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533909	01/11/2012	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/11/2012 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533910	01/18/2012	23	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/18/2012 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533911	01/18/2012	5	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/18/2012 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
				NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)

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9533912	01/09/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/09/2012 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533913	01/09/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/09/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533914	01/16/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/16/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533915	01/16/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/16/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533916	01/23/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/23/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533917	01/23/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/23/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533918	01/30/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/30/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533919	01/30/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/30/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533920	02/06/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/06/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533921	02/06/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/06/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533922	02/13/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/13/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9531745	03/27/2012	2	TRANSMITTAL OF TECHNICAL MEMORANDUM - CENTRAL MILL REPOSITORY GROUNDWATER MONITORING PROGRAM 2011 - SOURCE MATERIAL REMEDIAL ACTION TAR CREEK OU4	HOLMES CANDY , (CH2M HILL CONSTRUCTORS INCORPORATED)	LENNOX URSULA , (U.S. EPA)
712271	03/22/2012	36	GROUNDWATER MONITORING PROGRAM 2011 - SOURCE MATERIAL REMEDIAL ACTION TAR CREEK OU4	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL)
9533923	02/13/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/13/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533924	02/20/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/20/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533925	02/20/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/20/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533926	02/27/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/27/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533927	02/27/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/27/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533928	03/06/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/06/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533929	03/06/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/06/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533930	03/03/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/13/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533931	03/13/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/13/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533932	03/20/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/20/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
712287	02/06/2012	62	TECHNICAL MEMORANDUM - CB223 GROUNDWATER INVESTIGATION SUMMARY - SEPTEMBER 2011 SAMPLING EVENT - TAR CREEK SUPERFUND SITE, OPERABLE UNIT 4 SOURCE MATERIAL REMEDIAL ACTION, OTTAWA COUNTY, OKLAHOMA	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL)
9531746	02/06/2012	1	TRANSMITTAL OF TECHNICAL MEMO - CB223 GROUNDWATER INVESTIGATION SUMMARY - SEPTEMBER 2011 SAMPLING EVENT - TAR CREEK SUPERFUND SITE, OPERABLE UNIT 4 SOURCE MATERIAL REMEDIAL ACTION	LENNOX URSULA , (U.S. EPA)	HOLMES CANDY , (CH2M HILL CONSTRUCTORS INCORPORATED)
9533933	03/20/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/20/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533934	03/27/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/27/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533935	03/27/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/27/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533936	03/03/2013	20	BREWER CREEK NORTH RECONNAISSANCE AND T2 SAMPLING PRESENTATION	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533937	03/03/2013	11	DISTAL 13 SITE RECONNAISSANCE PRESENTATION	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533938	04/04/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/04/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)

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9533939	04/03/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/03/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533940	04/10/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/10/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533941	04/10/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/10/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533942	04/17/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/17/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533943	04/17/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/17/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533944	04/24/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 04/24/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533945	04/24/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 04/24/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533946	04/04/2013	18	[DISTAL 10 GROUP RECONNAISSANCE AND T2 SAMPLING PRESENTATION]	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533947	05/01/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/01/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533948	05/01/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/01/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533949	05/08/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/08/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533950	05/08/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/08/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533951	05/15/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/15/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533952	05/15/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/15/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533953	05/22/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/22/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533954	05/22/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/22/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533955	05/29/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 05/29/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533956	05/29/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 05/29/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533957	05/05/2013	16	[FACT SHEET - FALLING OFF LADDERS CAN KILL - USE THEM SAFELY]	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533958	05/05/2013	1	WEEKLY PROJECT STATUS REVIEW MEETING AGENDA - REMEDIAL ACTION PROJECT - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION)
9533959	06/04/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/04/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533960	06/05/2013	25	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/05/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533961	06/12/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/12/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533962	06/18/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/18/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
712278	11/02/2011	57	TECHNICAL MEMORANDUM - CB23 GROUNDWATER INVESTIGATION SUMMARY TAR CREEK SUPERFUND SITE, OPERABLE UNIT 4 SOURCE MATERIAL REMEDIAL ACTION, OTTAWA COUNTY, OKLAHOMA	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL)
9531744	11/02/2011	1	[TRANSMITTAL OF TECHNICAL MEMO - CB23 GROUNDWATER INVESTIGATION SUMMARY TAR CREEK SUPERFUND SITE, OPERABLE UNIT 4 SOURCE MATERIAL REMEDIAL ACTION]	LENNOX URSULA , (U.S. EPA)	HOLMES CANDY , (CH2M HILL CONSTRUCTORS INCORPORATED)
9533963	06/26/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 06/26/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533964	06/12/2013	3	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/12/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533965	06/18/2013	3	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/18/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533966	06/26/2013	4	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 06/26/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533967	07/03/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/03/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533968	07/10/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/10/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533969	07/17/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/17/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533970	07/24/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/24/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)

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9533971	07/31/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 07/31/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533972	07/03/2013	3	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/03/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533973	07/10/2013	3	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/10/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533974	07/17/2013	4	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/17/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533975	07/24/2013	3	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/24/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533976	07/31/2013	3	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 07/31/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533977	08/07/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 08/07/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533978	08/14/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 08/14/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533979	08/07/2013	3	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/07/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533980	08/14/2013	4	WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/14/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533981	08/28/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 08/28/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533982	08/28/2013	3	DRAFT WEEKLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 08/28/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533983	09/09/2013	16	[DISTAL 19 GROUP RECONNAISSANCE AND TZ SAMPLING PRESENTATION]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533984	09/11/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 09/11/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533985	09/11/2013	3	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 09/11/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533986	09/25/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 09/25/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533987	09/25/2013	3	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 09/25/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533988	10/23/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 10/23/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533989	10/23/2013	4	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 10/23/2013 - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533990	11/06/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 11/06/2013	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533991	11/06/2013	4	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 11/06/2013	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533992	12/04/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 12/04/2013	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533993	12/04/2013	4	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 12/04/2013	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533994	12/18/2013	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 12/18/2013	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533995	12/18/2013	4	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 12/18/2013	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533996	02/12/2014	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/12/2014	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533997	02/12/2014	3	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/12/2014	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9533998	02/26/2014	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 02/26/2014	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9533999	02/26/2014	3	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 02/26/2014	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9534000	01/15/2014	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/15/2014	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9534001	01/15/2014	4	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/15/2014	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9534002	01/29/2014	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 01/29/2014	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9534003	01/29/2014	4	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 01/29/2014	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9534004	03/12/2014	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/12/2014	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)

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9534005	03/12/2014	3	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/12/2014	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9534006	03/26/2014	22	RD/RA ACTION ITEM LOG - MEETING MINUTES 03/26/2014	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9534007	03/26/2014	2	BI-MONTHLY PROJECT STATUS REVIEW MEETING MINUTES - REMEDIAL ACTION PROJECT - 03/26/2014	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9534010	09/16/2010	5	TECHNICAL MEMORANDUM - MINE SHAFT CLOSURE METHODS TAR CREEK OU4 OTTAWA COUNTY, OKLAHOMA	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534011	12/01/2012	12	RECOMMENDED MAINTENANCE OF CAPPED MINE SHAFTS	NONE , (NONE SPECIFIED)	NONE , (ODEQ)
9534012	12/04/2012	6	TECHNICAL MEMORANDUM - TAR CREEK SOURCE MATERIAL OU4 RA - MODIFICATION TO THE BACKFILLED MINE SHAFT MONITORING PROCEDURE	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534017	12/01/2010	412	REMEDIAL ACTION CONTRACT - HYDROGEOLOGIC CHARACTERIZATION STUDY REPORT FOR TAR CREEK OU4	NONE , (U.S. EPA)	NONE , (GEO-MARINE INCORPORATED) NONE , (CH2M HILL INCORPORATED) NONE , (WESTON SOLUTIONS)
9534018	04/01/2013	355	REMEDIAL ACTION CONTRACT - FINE TAILINGS INJECTION PILOT STUDY REPORT FOR TAR CREEK OU4	NONE , (U.S. EPA)	NONE , (WESTON SOLUTIONS) NONE , (EZ CONSULTING ENGINEERS INCORPORATED) NONE , (CH2M HILL INCORPORATED)
9534020	07/27/2011	3	PHOTOGRAPHS OF CHAT MOUNDS - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9534024	07/01/2009	1139	PRELIMINARY DESIGN REPORT - DISTAL AREAS - SOURCE MATERIAL TAR CREEK	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534025	12/11/2009	536	REMEDIAL ACTION CONTRACT EP-W-06-021 REMEDIAL DESIGN FOR CHAT IN STREAM - TAR CREEK	NONE , (U.S. EPA)	DASAPPA SRINI , (CH2M HILL INCORPORATED) OWENS ROBERT , (CH2M HILL) WILSON MIKE , (CH2M HILL INCORPORATED)
9534026	04/15/2011	998	REMEDIAL ACTION CONTRACT EP-W-06-021 REMEDIAL DESIGN REPORT - CENTRAL MILL FINE TAILINGS POND AND REPOSITORY SOURCE MATERIAL FOR TAR CREEK	NONE , (U.S. EPA)	EWING DENIS , (CH2M HILL) WILSON MIKE , (CH2M HILL INCORPORATED) DASAPPA SRINI , (CH2M HILL INCORPORATED)
9534027	09/22/2009	844	REMEDIAL ACTION CONTRACT EP-W-06-021 - FINAL REMEDIAL DESIGN FOR TAR CREEK OU4	NONE , (U.S. EPA)	WILSON MIKE , (CH2M HILL INCORPORATED) DASAPPA SRINI , (CH2M HILL INCORPORATED) OWENS ROBERT , (CH2M HILL)
9534028	08/28/2009	542	REMEDIAL ACTION CONTRACT EP-W-06-021 FINAL REMEDIAL DESIGN REPORT - RESIDENTIAL YARDS AND WELLS AND SMELTER SITE REMEDIATION FOR TAR CREEK	NONE , (U.S. EPA)	WILSON MIKE , (CH2M HILL INCORPORATED) DASAPPA SRINI , (CH2M HILL INCORPORATED) OWENS ROBERT , (CH2M HILL)
9534029	10/28/2011	6	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 10/28/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9534030	11/25/2011	6	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 11/25/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9534031	12/30/2011	5	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 12/30/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9534032	04/29/2011	4	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 04/29/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9534033	05/27/2011	5	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 05/27/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9534034	06/24/2011	6	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 06/24/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9534035	07/29/2011	6	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 07/29/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)
9534036	08/26/2011	6	TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 08/26/2011	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA)

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9534037	09/30/2011	5	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 09/30/2011]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534038	01/28/2011	8	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 01/28/2011]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534039	02/25/2011	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 02/25/2011]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534040	03/31/2011	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 03/31/2011]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534041	05/27/2011	5	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 05/27/2011]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534042	01/27/2012	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 01/27/2012]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534043	02/24/2012	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 02/24/2012]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534044	04/27/2012	5	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 04/27/2012]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534045	05/25/2012	5	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 05/25/2012]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534046	06/29/2012	5	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 06/29/2012]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534047	07/27/2012	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 07/27/2012]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534048	08/31/2012	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 08/31/2012]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534049	09/29/2012	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 09/29/2012]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534050	10/27/2012	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 10/27/2012]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534051	11/30/2012	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 11/30/2012]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534052	12/28/2012	3	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 12/28/2012]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534053	01/25/2013	3	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 01/25/2013]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534054	02/22/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 02/22/2013]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534055	03/29/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 03/29/2013]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534056	04/26/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 04/26/2013]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534057	05/31/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 05/31/2013]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534058	06/28/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 06/28/2013]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534059	07/07/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 07/07/2013]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534060	08/30/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 08/30/2013]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534061	09/27/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 09/27/2013]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534062	10/25/2013	7	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 10/25/2013]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)
9534063	11/29/2013	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 11/29/2013]	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED) NONE , (U.S. EPA)

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9534064	12/27/2013	6	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 12/27/2013]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534066	01/31/2014	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 01/31/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534067	02/28/2014	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 02/28/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534068	03/28/2014	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 03/28/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534069	04/25/2014	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 04/25/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534070	05/30/2014	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 05/30/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534071	06/27/2014	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 06/27/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534072	07/25/2014	4	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 07/25/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534073	08/29/2014	2	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 08/29/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534074	09/26/2014	2	[TASK ORDER 53 TAR CREEK SOURCE MATERIAL OU4 RA - 09/26/2014]	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534075	01/17/2013	1	DISTAL SITE STATUS MAP - TAR CREEK	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534076	09/26/2012	1	TAR CREEK OU4 SITE MAP - FIGURE 3-1	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534078	03/04/2013	1	DISTAL SITE STATUS MAP - TAR CREEK - FIGURE 1-1	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534079	07/09/2014	1	TAR CREEK OU4 SITE LOCATION MAP - FIGURE 1	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534080	02/03/2012	2	TAR CREEK SITE ORIENTATION GUIDE PAMPHLET	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534081	04/23/2013	130	REMEDIAL ACTION CONTRACT EP-W-06-021 - HEALTH AND SAFETY PLAN FOR TAR CREEK OU4	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534082	05/01/2013	418	FIELD SAMPLING PLAN - VERSION 1.1	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534083	10/13/2010	2	[RESPONSE TO INQUIRY REGARDING POSSIBLE COMMENTS FROM STAKEHOLDERS REGARDING XRF CORRELATION MEMO FOR TAR CREEK OU4]	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534084	06/22/2010	44	TECHNICAL MEMORANDUM - COMPARISON OF FIELD-PORTABLE X-RAY FLUORESCENCE DATA WITH LABORATORY INDUCTIVELY COUPLED PLASMA DATA CHAT PILE/BASE CONFIRMATION SOIL SAMPLES - TAR CREEK OU4	DASATTA SRINI , (CH2M HILL INCORPORATED)	LENNOX URSULA , (U.S. EPA)
9534085	06/12/2013	126	REMEDIAL ACTION CONTRACT EP-W-06-021 - QUALITY ASSURANCE PROJECT PLAN FOR TAR CREEK OU4	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534086	05/15/2013	28	REMEDIAL ACTION CONTRACT EP-W-06-021 - SITE MANAGEMENT PLAN FOR TAR CREEK OU4	NONE , (U.S. EPA)	O-HARE MARGARET , (CH2M HILL) EWING DENNIS , (CH2M HILL) YNFANTE JOHN , (CH2M HILL)
9534087	07/02/2013	116	REMEDIAL ACTION CONTRACT EP-W-06-021 - CONSTRUCTION QUALITY ASSURANCE PLAN FOR TAR CREEK OU4	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534088	08/05/2013	1	[SUBMITTAL OF WEB LINK FOR UPDATED STORM WATER POLLUTION PREVENTION PLAN FOR TAR CREEK OU4]	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534089	07/01/2013	215	REMEDIAL ACTION CONTRACT EP-W-06-021 - STORMWATER POLLUTION PREVENTION PLAN FOR TAR CREEK OU4	LENNOX URSULA , (U.S. EPA) CATES DAVID , (ODEQ) DAVIN DENNIS , (ODEQ)	O-HARE MARGARET , (CH2M HILL)
639010	11/08/2010	276	[ENFORCEMENT SAMPLING AND ANALYSIS SUMMARY ADDENDUM NO. 1]	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534090	06/01/2013	36	REMEDIAL ACTION CONTRACT EP-W-06-021 - TRANSPORTATION PLAN FOR TAR CREEK OU4	BAUMGARTEN GARY A. , (U.S. EPA) LENNOX URSULA R. , (U.S. EPA)	NONE , (CH2M HILL)
				NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)

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9221084	10/04/2010	1110	[ENFORCEMENT SAMPLING AND ANALYSIS SUMMARY CORE AREA MINING LEASE PROPERTIES - TAR CREEK SUPERFUND SITE OU4]	LENNOX URSULA R. (U.S. EPA) BAUMGARTEN GARY A. (U.S. EPA)	NONE , (CH2M HILL)
639008	10/04/2010	1110	[ENFORCEMENT SAMPLING AND ANALYSIS SUMMARY]	LENNOX URSULA R. (U.S. EPA) BAUMGARTEN GARY A. (U.S. EPA)	NONE , (CH2M HILL)
9534091	06/01/2013	32	REMEDIAL ACTION CONTRACT EP-W-06-021 - DISPOSITION MANAGEMENT PLAN FOR TAR CREEK OU4	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9531913	07/20/2010	1	FTP SITE LINK - SOURCE MATERIAL REMEDIAL ACTION - TAR CREEK OU4	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL)
9531912	07/20/2010	1	[TRANSMITTAL OF TECHNICAL MEMORANDUM - CB223 GROUNDWATER AND SURFACE WATER INVESTIGATION SUMMARY - TAR CREEK SUPERFUND SITE, OPERABLE UNIT 4 REMEDIAL ACTION OTTAWA COUNTY, OKLAHOMA AND FTP SITE INFORMATION]	CATES DAVID , (ODEQ) DATIN DENNIS , (ODEQ) HUGHES ANGELA , (ODEQ)	LENNOX URSULA , (U.S. EPA)
9534092	05/06/2011	35	TECHNICAL MEMORANDUM - OPTIONS FOR REFINING TRANSITION ZONE SOIL REMEDIATION EXTENT FOR TAR CREEK OU4	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
712275	06/24/2010	73	WATER INVESTIGATION SUMMARY - TAR CREEK SUPERFUND SITE, OPERABLE UNIT 4 REMEDIAL ACTION OTTAWA COUNTY, OKLAHOMA	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL)
9534095	03/06/2012	56	AMENDMENTS AS A MEANS TO REDUCE THE BIOAVAILABILITY OF LEAD, CADMIUM, AND ZINC IN TRANSITION ZONE	LENNOX URSULA , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534096	05/15/2012	6	CH2M HILL RESPONSES TO COMMENTS ON THE TECHNICAL MEMORANDUM EVALUATION SOIL AMENDMENTS TO REDUCE BIOAVAILABILITY OF LEAD, CADMIUM, AND ZINC IN TRANSITION ZONE - TAR CREEK OU4	NONE , (NONE SPECIFIED)	NONE , (CH2M HILL INCORPORATED)
9534098	10/31/2011	28	EXHIBIT A - STATEMENT OF WORK - TRIBAL STAGING AREA GRADING FOR TAR CREEK OU4	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
9534099	11/01/2011	7	TRIBAL CHAT STAGING AREA MAPS - BID DOCUMENTS	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534100	11/01/2011	55	FINAL DESIGN DOCUMENTS FOR TAR CREEK OU4 SOURCE MATERIAL RD/RA IN DISTAL AREA	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9534101	11/03/2011	1	FIGURE 1 - CB198, CB200 AND CP081 SITE MAP FOR TAR CREEK OU4	NONE , (NONE SPECIFIED)	NONE , (U.S. EPA) NONE , (CH2M HILL INCORPORATED)
9534102	01/31/2012	2	[TRANSMITTAL OF CLEANUP STATUS REPORT 2011]	LENNOX URSULA , (U.S. EPA)	DASAPPA SRINI , (CH2M HILL INCORPORATED)
9534103	02/24/2012	2	[TRANSMITTAL OF REMEDIAL ACTION REPORT RESIDENTIAL YARD RS243]	LENNOX URSULA , (U.S. EPA)	EWING DENIS , (CH2M HILL)

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9421194	10/01/2014	87	[UNRECONCILED COST RECOVERY DOCUMENTATION 10/01/1980 - 08/31/2014 \$2702656.77]	NONE , (NONE SPECIFIED)	NONE , (NONE SPECIFIED)
674480	03/01/2012	2186	REMEDIATION ACTION CONTRACT - INTEGRATED SITE ASSESSMENT INVESTIGATION - TAR CREEK	NONE NONE , (U.S. EPA)	NONE , (CH2M HILL)
9226600	05/01/2010	710	ADVANCED SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR AQUATIC HABITATS WITHIN THE TRI-STATE MINING DISTRICT	BAUMGARTEN GARY A, (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DOOLAN MARK , (U.S. EPA) DRAKE DAVID , (U.S. EPA)	MAY THOMAS , (U.S. GEOLOGICAL SURVEY) MACDONALD DONALD , (MACDONALD ENVIRONMENTAL SCIENCES LTD) SINCLAIR JESSE , (MACDONALD ENVIRONMENTAL SCIENCES LTD)
9226605	05/01/2010	67	RESPONSES TO REVIEWERS COMMENTS ON ADVANCED SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR AQUATIC HABITATS WITHIN THE TRI-STATE MINING DISTRICT	DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DOOLAN MARK , (U.S. EPA) BAUMGARTEN GARY A, (U.S. EPA) DRAKE DAVID , (U.S. EPA)	SINCLAIR JESSE , (MACDONALD ENVIRONMENTAL SCIENCES LTD) MACDONALD DONALD , (MACDONALD ENVIRONMENTAL SCIENCES LTD) INGERSOLL CHRISTOPHER , (U.S. GEOLOGICAL SURVEY)
9208991	03/22/2010	1	[TRANSMITTAL OF ADVANCED SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR AQUATIC HABITATS WITHIN THE TRI-STATE MINING DISTRICT, OKLAHOMA, KANSAS, AND MISSOURI WITH CORRESPONDING STATEMENT]	INGERSOLL CHRISTOPHER , (U.S. GEOLOGICAL SURVEY) BAUMGARTEN GARY A, (U.S. EPA)	NONE , (MACDONALD ENVIRONMENTAL SCIENCES LTD)
9209110	03/01/2010	44	ADVANCED SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR AQUATIC HABITATS WITHIN THE TRI-STATE MINING DISTRICT OKLAHOMA, KANSAS, AND MISSOURI	NONE , (NONE)	NONE , (NONE)
9226627	10/01/2009	303	ADVANCED SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR AQUATIC HABITATS WITHIN THE TRI-STATE MINING DISTRICT	DOOLAN MARK , (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) BAUMGARTEN GARY A, (U.S. EPA) DRAKE DAVID , (U.S. EPA)	MACDONALD DONALD , (MACDONALD ENVIRONMENTAL SCIENCES LTD) MAY THOMAS , (U.S. GEOLOGICAL SURVEY) BRUMBAUGH WILLIAM , (U.S. GEOLOGICAL SURVEY)
9226966	03/02/2009	9	MESL COMMENTS AND CH2M HILL RESPONSES - FIELD SAMPLING PLAN - INTEGRATED SAMPLING ASSESSMENT / INVESTIGATION - TAR CREEK OUS	NONE , (NONE)	NONE , (MESL) NONE , (CH2M HILL INCORPORATED)
9209345	03/01/2009	76	QUALITY ASSURANCE PROJECT PLAN FOR INTEGRATED SITE ASSESSMENT/INVESTIGATION FOR TAR CREEK SUPERFUND SITE	NONE , (U.S. EPA)	NONE , (CH2M HILL)
9226967	03/01/2009	297	FIELD SAMPLING PLAN VERSION 1.1 - INTEGRATED SITE ASSESSMENT / INVESTIGATION - TAR CREEK OU:	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9226969	03/01/2009	76	QUALITY ASSURANCE PROJECT PLAN VERSION 1.1 - INTEGRATED SITE ASSESSMENT / INVESTIGATION - TAR CREEK OUS	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9208968	02/17/2009	3	[DISCUSSION REGARDING TAR CREEK OUS BOUNDARIES]	LONG KENNETH G, (U.S. DEPARTMENT OF JUSTICE)	MEYER JOHN , (U.S. EPA)

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880500	02/09/2009	522	DEVELOPMENT AND EVALUATION OF SEDIMENT AND PORE-WATER TOXICITY THRESHOLDS TO SUPPORT SEDIMENT QUALITY ASSESSMENTS IN THE TRI-STATE MINING DISTRICT (TSMQD), MISSOURI, OKLAHOMA, AND KANSAS	DOOLAN MARK , (U.S. EPA) MEYER JOHN , (U.S. EPA) BAUMGARTEN GARY A, (U.S. EPA)	IRVING SCOTT N, (CH2M HILL) INGERSOLL CHRISTOPHER , (U.S. GEOLOGICAL SURVEY) MACDONALD DONALD D, (MACDONALD ENVIRONMENTAL SCIENCES LTD.)
9209009	02/09/2009	1	[TRANSMITTAL OF BIOLOGICAL DATA EVALUATIONS I AND II AND RESPONSE TO COMMENTS WITH CORRESPONDING DISCUSSION]	DOOLAN MARK , (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DRAKE DAVE , (U.S. EPA) BAUMGARTEN GARY A, (U.S. EPA) MEYER JOHN , (U.S. EPA)	NONE , (MACDONALD ENVIRONMENTAL SCIENCES LTD)
9209126	02/01/2009	40	RESPONSE TO COMMENTS ON EVALUATION OF THE MATCHING SEDIMENT CHEMISTRY AND SEDIMENT TOXICITY IN THE TRI-STATE MINING DISTRICT, MISSOURI, OKLAHOMA, AND KANSAS: PRELIMINARY DRAFT	BAUMGARTEN GARY A, (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DRAKE DAVID , (U.S. EPA) DOOLAN MARK , (U.S. EPA) MEYER JOHN C, (U.S. EPA)	KEMBLE NILE , (U.S. GEOLOGICAL SURVEY) IVEY CHRISTOPHER , (U.S. GEOLOGICAL SURVEY) MACDONALD DONALD , (MACDONALD ENVIRONMENTAL SCIENCES LTD)
9209127	02/01/2009	210	DEVELOPMENT AND EVALUATION OF SEDIMENT AND PORE-WATER TOXICITY THRESHOLDS TO SUPPORT SEDIMENT QUALITY ASSESSMENTS IN THE TRI-STATE MINING DISTRICT, MISSOURI, OKLAHOMA, AND KANSAS DRAFT FINAL TECHNICAL REPORT VOLUME I	MEYER JOHN C, (U.S. EPA) DRAKE DAVID , (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DOOLAN MARK , (U.S. EPA) BAUMGARTEN GARY A, (U.S. EPA)	OHARE MARGARET P, (CH2M HILL) IVEY CHRISTOPHER , (U.S. GEOLOGICAL SURVEY) IRVING SCOTT N, (CH2M HILL)
9209128	02/01/2009	312	DEVELOPMENT AND EVALUATION OF SEDIMENT AND PORE-WATER TOXICITY THRESHOLDS TO SUPPORT SEDIMENT QUALITY ASSESSMENTS IN THE TRI-STATE MINING DISTRICT, MISSOURI, OKLAHOMA, AND KANSAS DRAFT FINAL TECHNICAL REPORT VOLUME II	MEYER JOHN C, (U.S. EPA) BAUMGARTEN GARY A, (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DRAKE DAVID , (U.S. EPA) DOOLAN MARK , (U.S. EPA)	KEMBLE NILE , (U.S. GEOLOGICAL SURVEY) OHARE MARGARET P, (CH2M HILL) BESSER JOHN , (U.S. GEOLOGICAL SURVEY)
9226598	02/01/2009	522	DEVELOPMENT AND EVALUATION OF SEDIMENT AND PORE-WATER TOXICITY THRESHOLDS TO SUPPORT SEDIMENT QUALITY ASSESSMENTS IN THE TRI-STATE MINING DISTRICT	DRAKE DAVID , (U.S. EPA) DOOLAN MARK , (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) BAUMGARTEN GARY A, (U.S. EPA)	MACDONALD DONALD , (MACDONALD ENVIRONMENTAL SCIENCES LTD) IRVING SCOTT N, (CH2M HILL) IVEY CHRISTOPHER , (U.S. GEOLOGICAL SURVEY)
9226866	02/01/2009	302	ADVANCED SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR AQUATIC HABITATS WITHIN THE TRI - STATE MINING DISTRICT, OKLAHOMA, KANSAS, AND MISSOURI	DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DOOLAN MARK , (U.S. EPA) MEYER JOHN , (U.S. EPA) BAUMGARTEN GARY A, (U.S. EPA) DRAKE DAVID , (U.S. EPA)	KEMBLE NILE , (U.S. GEOLOGICAL SURVEY) IVEY CHRISTOPHER , (U.S. GEOLOGICAL SURVEY) CRAWFORD MEARA , (MACDONALD ENVIRONMENTAL SCIENCES LTD)
9226965	02/01/2009	146	FIELD SAMPLING PLAN VERSION 1.0 - INTEGRATED SITE ASSESSMENT/INVESTIGATION - TAR CREEK OU:	NONE , (U.S. EPA)	NONE , (CH2M HILL INCORPORATED)
9219828	01/01/2009	45	SELECTED METALS IN SEDIMENTS AND STREAMS IN THE OKLAHOMA PART OF THE TRI-STATE MINING DISTRICT, 2000-2006	NONE , (NONE)	BECKER MARK , (NONE) ANDREWS WILLIAM J, (U.S. GEOLOGICAL SURVEY) SMITH JERROD , (NONE) MASHBURN SHANA , (NONE)

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9209315	12/15/2008	9	INTEGRATED SITE ASSESSMENT/INVESTIGATION, PLANNING MEETING SUMMARY AND SAMPLING APPROACH TAR CREEK OUS	BAUMGARTEN GARY A, (U.S. EPA)	NONE , (CH2M HILL)
9226814	12/12/2008	287	SEDIMENT CHEMISTRY, TOXICITY, AND BIOACCUMULATION DATA REPORT FOR EPA / DOI SAMPLING OF METAL-CONTAMINATED SEDIMENT IN THE TRI-STATE MINING DISTRICT	DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) MEYER JOHN C, (U.S. EPA) ROBERTS ANDY , (U.S. FISH AND WILDLIFE SERVICE) DRAKE DAVID , (U.S. EPA) DOOLAN MARK , (U.S. EPA)	MACDONALD DONALD , (MACDONALD ENVIRONMENTAL SCIENCES LTD) KUNZ JAMES , (U.S. GEOLOGICAL SURVEY) WANG NING , (U.S. GEOLOGICAL SURVEY)
9209035	10/31/2008	1	[TRANSMITTAL OF OVERVIEW OF THE 2007 SEDIMENT SAMPLING PROGRAM FOR THE TRI-STATE MINING DISTRICT]	SCHMITT C J, (U.S. GEOLOGICAL SURVEY) PEERY ANNE , (MISSOURI DEPARTMENT OF NATURAL RESOURCES) CHANDLER CHARLIE , (BUREAU OF INDIAN AFFAIRS)	DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE)
9209151	10/28/2008	22	OVERVIEW OF THE 2007 SEDIMENT SAMPLING PROGRAM FOR THE TRI-STATE MINING DISTRICT	NONE , (NONE)	MUIRHEAD Y , (NONE) MCCARTHY C , (NONE) INGERSOLL C , (NONE)
9226602	10/28/2008	82	DEVELOPMENT OF TOXICITY THRESHOLDS FOR ASSESSING RISKS TO SEDIMENT-DWELLING ORGANISMS IN THE TRI-STATE MINING DISTRICT	NONE , (NONE)	MEYER J , (NONE) INGERSOLL C , (NONE) OHARE M , (NONE)
9226654	10/28/2008	49	DEVELOPMENT OF TOXICITY THRESHOLDS FOR ASSESSING RISKS TO SEDIMENT-DWELLING ORGANISMS IN THE TRI-STATE MINING DISTRICT	NONE , (NONE)	OHARE M , (NONE) INGERSOLL C , (NONE) BESSER J , (NONE)
9208876	09/18/2008	2	[TRANSMITTAL OF RESPONSE TO COMMENTS ON DRAFT DATA REPORT WITH MARKED-UP COPY AND CLEAN COPY OF REVISED DRAFT REPORT]	TURNER PHILIP K, (U.S. EPA) BAUMGARTEN GARY A, (U.S. EPA)	MEYER JOHN , (U.S. EPA)
9209074	09/18/2008	159	FINAL TSMO SEDIMENT CHEMISTRY AND TOXICITY DATA REPORT 09/18/2008 - TABLES AND APPENDIX A	NONE , (NONE)	NONE , (NONE)
9209075	09/18/2008	53	SEDIMENT CHEMISTRY, TOXICITY, AND BIOACCUMULATION DATA REPORT	DRAKE DAVID , (U.S. EPA) ROBERTS ANDY , (U.S. FISH AND WILDLIFE SERVICE) MEYER JOHN , (U.S. EPA) DOOLAN MARK , (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE)	MAY TOM , (COLUMBIA ENVIRONMENTAL RESEARCH CENTER) INGERSOLL CHRISTOPHER , (COLUMBIA ENVIRONMENTAL RESEARCH CENTER) WANG NING , (COLUMBIA ENVIRONMENTAL RESEARCH CENTER)
9209076	09/18/2008	4	FINAL TSMO SEDIMENT CHEMISTRY AND TOXICITY DATA REPORT 09/18/2008 - FIGURES	NONE , (NONE)	NONE , (NONE)
9209077	09/18/2008	55	[MARK UP - SEDIMENT CHEMISTRY, TOXICITY, AND BIOACCUMULATION DATA REPORT]	DOOLAN MARK , (U.S. EPA) MEYER JOHN C, (U.S. EPA) ROBERTS ANDY , (U.S. FISH AND WILDLIFE SERVICE) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DRAKE DAVID , (U.S. EPA)	IVEY CHRIS , (COLUMBIA ENVIRONMENTAL RESEARCH CENTER) WANG NING , (COLUMBIA ENVIRONMENTAL RESEARCH CENTER) INGERSOLL CHRISTOPHER , (COLUMBIA ENVIRONMENTAL RESEARCH CENTER)

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9209078	09/18/2008	71	[TSMD APPENDICES B-K 09/18/2008 RESPONSE TO COMMENTS ON MAY 2008 DRAFT TOXICITY, BIOACCUMULATION, AND CHEMISTRY DATA REPORT FOR TRI-STATE MINING DISTRICT	NONE , (NONE)	NONE , (NONE)
9209079	09/18/2008	11		DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) MEYER JOHN , (U.S. EPA) DOOLAN MARK , (U.S. EPA)	INGERSOLL CHRISTOPHER , (U.S. GEOLOGICAL SURVEY)
9226983	08/29/2008	369	[PRELIMINARY DRAFT EVALUATION OF THE MATCHING SEDIMENT CHEMISTRY AND SEDIMENT TOXICITY DATA IN THE TRI-STATE MINING DISTRICT WITH CH2M HILL COMMENTS]	MEYER JOHN C, (U.S. EPA) DOOLAN MARK , (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DRAKE DAVID , (U.S. EPA)	MACDONALD DONALD , (MACDONALD ENVIRONMENTAL SCIENCES LTD) IRVING SCOTT , (CH2M HILL INCORPORATED) KEMBLE NILE , (U.S. GEOLOGICAL SURVEY)
830349	10/31/2007	39	[FIELD SAMPLING ACTIVITIES ASSOCIATED WITH THE 2007 SEDIMENT SAMPLING PROGRAM OF THE TRI-STATE MINING DISTRICT]	MEYER JOHN , (U.S. EPA) DOOLAN MARK , (U.S. EPA)	MACDONALD DONALD D, (MACDONALD ENVIRONMENTAL SCIENCES LTD.)
823048	10/05/2007	180	FINAL ANALYTICAL REPORT FOR SEDIMENT SAMPLES COLLECTED 08/20/2007 - 08/22/2007 PROJECT NO. 07SEF223 FOR TAR CREEK	MEYER JOHN , (U.S. EPA)	MC MILLIN RICHARD , (U.S. EPA) NELEIGH DAVID , (U.S. EPA)
830347	07/03/2007	291	QUALITY ASSURANCE PROJECT PLAN FOR SEDIMENT TOXICITY TESTING ASSOCIATED WITH IMPLEMENTATION OF THE SPRING RIVER/TAR CREEK WATERSHED MANAGEMENT FRAMEWORK, PHASE I	DOOLAN MARK , (U.S. EPA) MEYER JOHN , (U.S. EPA) DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE)	INGERSOLL CHRIS , (COLUMBIA ENVIRONMENTAL RESEARCH CENTER)
830348	07/01/2007	169	COLLECTION, HANDLING, AND PROCESSING OF SEDIMENT SAMPLES FOR THE 2007 TRI-STATE MINING DISTRICT FIELD SAMPLING PROGRAM: STANDARD OPERATING PROCEDURE VERSION 3.0 APPENDIX BB.1.	DWYER JIM , (U.S. FISH AND WILDLIFE SERVICE) DOOLAN MARK , (U.S. EPA) MEYER JOHN , (U.S. EPA)	MACDONALD DONALD D, (MACDONALD ENVIRONMENTAL SCIENCES LTD.) SMORONG D E, (MACDONALD ENVIRONMENTAL SCIENCES LTD.) INGERSOLL C G, (MACDONALD ENVIRONMENTAL SCIENCES LTD.)
830354	04/01/2007	171	ADVANCED SCREENING LEVEL ECOLOGICAL RISK ASSESSMENT (SLERA) OF AQUATIC HABITATS IN THE TRI-STATE MINING DISTRICT IN MISSOURI, KANSAS, AND OKLAHOMA	MEYER JOHN , (U.S. EPA) DOOLAN MARK , (U.S. EPA)	INGERSOLL C G, (MACDONALD ENVIRONMENTAL SCIENCES LTD.) MACDONALD DONALD D, (MACDONALD ENVIRONMENTAL SCIENCES LTD.) SMORONG D E, (MACDONALD ENVIRONMENTAL SCIENCES LTD.)
9093372	08/29/2005	2	[DEFINING TAR CREEK SUPERFUND SITE OPERABLE UNIT 5 FOR SEDIMENT]	DIXON KELLY , (ODEQ)	STENGER WREN , (U.S. EPA)
9366052	06/01/2005	1	[EPA ANNOUNCEMENT OF TAR CREEK SEDIMENT ADDITION - OPERABLE UNIT 5 TO ADDRESS SEDIMENT CONTAMINATION DOWNSTREAM OF CHAT PILES]	NONE , (NONE)	NONE NONE , (U.S. EPA)

APPENDIX F

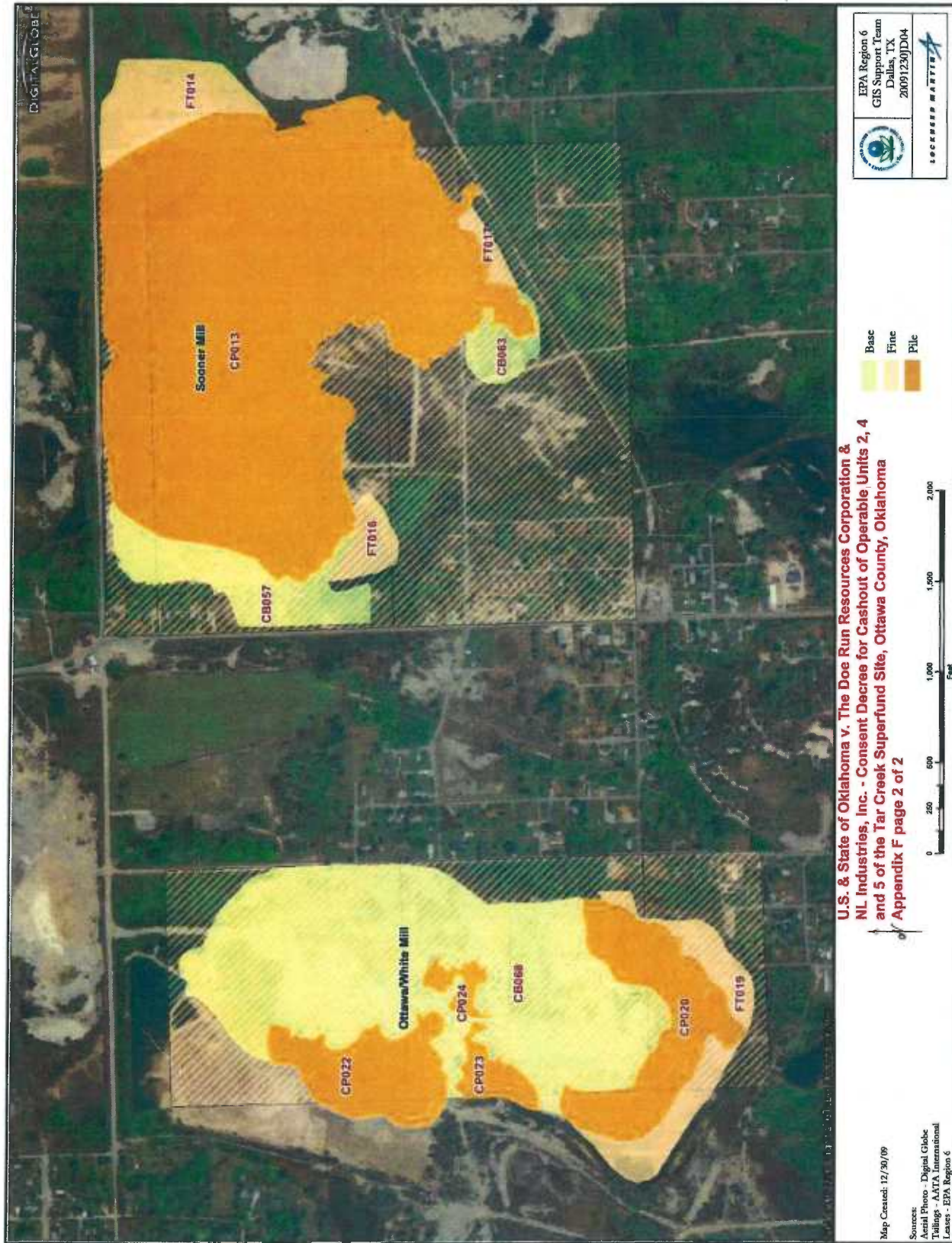
U.S. & State of Oklahoma v. The Doe Run Resources Corporation & NL Industries, Inc. Consent Decree for Cashout of Operable Units 2, 4 and 5 of the Tar Creek Superfund Site, Ottawa County, Oklahoma Appendix F page 1 of 2

Legend

- State Boundary
- Tar Creek OUA
- Appendix F Properties
 - File
 - Base
- Other Tallings
 - File
 - File

Sources: Cret. Pits, Mines, Quicks, and Mts. - AM73, International Tar Creek OUA - EPA Region 6, State Boundary - Census Bureau 2010 TIGER/LINE Files, Geographic Names - BSI





EPA Region 6
 GIS Support Team
 Dallas, TX
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U.S. & State of Oklahoma v. The Doe Run Resources Corporation & NL Industries, Inc. - Consent Decree for Cashout of Operable Units 2, 4 and 5 of the Tar Creek Superfund Site, Ottawa County, Oklahoma
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Map Created: 12/30/09

Sources:
 Aerial Photos: Digital Globe
 Imagery: Aerial International
 Layer: EPA Region 6