Appendix B

Vendor Data Submittals

VENDOR DATA INDEX FOR OU 2-13
SUBCONTRACT #S-7304449.01
PHENIX OF IDAHO

DISP	SUB.#	LINE ITEM	VDS ITEM #	DESCRIPTION
A	#018	A	#3-05	CALIBRATION RECORDS
A	#040	A	#2-01	PCB SAMPLE ANALYSIS RESULTS
A	#041	A	#2-01	PCB SAMPLE ANALYSIS RESULTS
A	#043	A	#	OFF-SITE CALIBRATION FOR NUCLEAR GAUGE
A	#045	A	#2-01	PCB SAMPLE ANALYSIS RESULTS
A	#046	A	#4-02	FIELD NOTES & MAPS
A	#049	A	#4-08	CONCRETE BATCH TICKETS
A	#050	A	#4-02	TEST REPORTS
A	#051	A	#3-05	CALIBRATION RECORDS
A	#052	A	#3-05	CALIBRATION RECORDS
A	#063	A	#4-02	FIELD NOTES & SEWAGE LEACH POND ELEV 4913 - ROUGH GRADE
A	#065	A	#4-04	TOPOGRAPHY PLATS SEWAGE LEACH POND - 1964 CELL
A	#066	A	#3-04	TEST REPORTS/GRADATION TYPE A SOIL
A	#067	A	#3-04	TEST REPORTS/GRADATION TYPE B SOIL
A	#068	A	#4-02	FIELD NOTES - ROUGH GRADE + 4" 1952 CELL
A	#069	A	#4-02	FIELD NOTES - SIP FINAL GRADE ROUGH GRADE 1964 CELL

A	#070	A	#3-02	RECORD OF INSPECTION
A	#071	A	#4-02	FIELD NOTES - SEWAGE LEACH POND FINAL GRADE
A	#072	A	#4-02	FIELD NOTES - CELL 1964 W.W.P. ROUGH GRADE
A	#073	A	#3-04	TEST REPORTS - GRADATION TYPE B SOIL
A	#082	A	#3-04	TEST REPORTS GRADATION TYPE B SOIL
A	#083	A	#3-04	TEST REPORTS
A	#084	A	#3-04	TEST REPORTS TYPE A SOIL - CHEMICAL WASTE POND 5-18-99
A	#084	B	#3-04	TEST REPORTS TYPE A SOIL - CHEMICAL WASTE POND 5-19-99
A	#084	C	#3-04	TEST REPORTS TYPE A SOIL - CHEMICAL WASTE POND 5-20-99
A	#084	D	#3-04	PROCTOR TEST REPORT TYPE A SOIL
A	#085	A	#3-02	RECORDS OF INSPECTION
A	#086	A	#4-02	TEST RESULTS GRADATION GRAVEL LINCOLN PIT
A	#087	A	#4-02	TEST RESULTS GRADATION TYPE B SOIL
A	#088	A	#	CONCRETE BATCH TICKETS
A	#089	A		TEST RESULTS GRADATION TYPE A SOIL
A	#090	A	#3-04	TEST REPORTS TYPE A SOIL CHEMICAL WASTE POND 5-24-99
A	#091	A	#3-04	TEST REPORTS TYPE A SOIL CHEMICAL WASTE POND
A	#093	A	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 5-26-99
A	#093	B	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 5-27-99
A	#094	A	#4-02	TEST RESULTS GRADATION TYPE A SOIL
A	#095	A	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 6-1-99

A	#095	B	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 6-2-99
A	#095	C	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 6-3-99
A	#096	A	#3-04	FINAL TEST REPORT TYPE A SOIL 1957 CELL 5-26-99
A	#096	B	#3-04	FINAL TEST REPORT TYPE A SOIL 1957 CELL 5-27-99
A	#096	C	#3-04	FINAL TEST REPORT TYPE A SOIL 1957 CELL 6-1-99
A	#096	D	#3-04	FINAL TEST REPORT TYPE A SOIL 1957 CELL 6-2-99
A	#096	E	#3-04	FINAL TEST REPORT TYPE A SOIL 1957 CELL 6-3-99
A	#097	A	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 6-9-99
A	#097	B	#3-04	TEST REPORTS TYPE A SOIL 1957 6-10-99
A	#098	A	#3-04	FINAL TEST REPORTS TYPE A SOIL CHEMICAL WASTE POND 5-18-99
A	#098	B	#3-04	FINAL TEST REPORTS TYPE A SOIL CHEMICAL WASTE POND 5-19-99
A	#098	C	#3-04	FINAL TEST REPORTS TYPE A SOIL CHEMICAL WASTE POND 5-20-99
A	#098	D	#3-04	FINAL TEST REPORTS TYPE A SOIL CHEMICAL WASTE POND 5-24-99
A	#099	A	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 6-7-99
A	#099	B	#3-04	TEST REPORTS TYPE A SOIL 1957 6-8-99
A	#100	A	#3-02	RECORD OF INSPECTION
A	#101	A	#4-04	TOPOGRAPHY PLATS FINAL CHEMICAL WASTE POND
A	#106	A	#4-02	FIELD NOTES TOP TYPE B SOIL TOP TYPE A SOIL FINAL GRADE
A	#107	A	#4-02	FIELD NOTES ROUGH GRADE 1952 - 1957 CELLS
A	#108	A	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 6-14-99
A	#108	B	#3-04	TEST REPORTS TYPE A SOIL 1957 CELL 6-15-99

A	#110	A	#4-02	TEST RESULTS GRADATION TYPE A SOIL
A	#111	A	#3-04	FINAL TEST REPORTS TYPE A SOIL 1957 CELL 6-7-99
A	#111	B	#3-04	FINAL TEST REPORTS TYPE A SOIL 1957 CELL 6-8-99
A	#111	C	#3-04	FINAL TEST REPORTS TYPE A SOIL 1957 CELL 6-9-99
A	#111	D	#3-04	FINAL TEST REPORTS TYPE A SOIL 1957 CELL 6-10-99
A	#111	E	#3-04	FINAL TEST REPORTS TYPE A SOIL 1957 CELL 6-14-99
A	#112	A	#3-04	FINAL TEST REPORTS TYPE A SOIL 1957 CELL 6-15-99
A	#113	A	#4-04	TOPOGRAPHY PLATS FINAL ROUGH GRADE 1957 CELL
A	#115	A	#	PERMANENT MARKERS
A	#116	A	#4-02	TEST RESULTS GRADATION COBBLE 7-1-99
A	#117	A	#4-02	TEST RESULTS GRADATION COBBLE 7-7-99
A	#118	A	#4-02	TEST RESULTS GRADATION COBBLE 7-13-99
A	#120	A	#4-02	TEST RESULTS GRADATION COBBLE 7-19-99
A	#123	A	#4-02	TEST RESULTS GRADATION COBBLE 7-26-99
A	#124	A	#4-02	TEST RESULTS COBBLE 8-4-99
A	#125	A	#4-08	CONCRETE BATCH TICKETS 7-27-99
A	#128	A	#4-08	CONCRETE BATCH TICKETS 9/7/99
A	#137	A	#4-02	FIELD NOTES &/OR TEST RESULTS
A	#137	B	#4-02	FIELD NOTES &/OR TEST RESULTS
A	#141	A	#3-02	RECORD OF INSPECTION
A	#146	A	#4-02	FIELD NOTES 1952 & 1957 CELLS GRAVEL LAYERS & COBBLE LAYERS

A	#147	A	#4-04	TOPOGRAPHY PLATS

018

SEE INSTRUCTI ON REVERSE SIDE

VENDOR DATA TRAN AL AND DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-018 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-20
(7) Date of Submittal 02-04-99

(A) Work may proceed subject to incorporation of any comments noted.
(B) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
(C) Revise and resubmit. Work may not proceed.
(D) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev.	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	02210 (1.4.1)	3-05	4		X			CALIBRATION RECORDS			A

(19) Remarks:

(20) Subcontractor Signature Amanda M. Strader Date 02-04-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
2-3-99	2-9-99	4	AP
3-1-99	3-1-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached

Annette Poole 3/1/99
(24) Signature Date

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
E&H			CAM Craig		
Leo			PRO		
DC			SUB		
CF Jody					

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

Amanda M. Strader 3/3/99
Subcontractor Signature Date

018

B-11

M-2813

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY
CALIBRATION INPUT DATA

Thursday, January 14, 1999

NAME MIKE SPARKS	BADGE: 20833	CUSTOMER PH: 526-3433	AREA: INTEC	BLDG: 698	RM 120

ID Number 714436

Mfr: WILD HBRUG Model: DI16000 Noun Name DISTOMAT

Calibration Date 1/14/99

Next Cal Due Date 1/14/00

Charge Level: 18

Repair Hours 0

Material Amount 0

Charge Number 952109030

Cal Work Inst. ID 5411A

Outside Vendor

ACTION CODE	AS FOUND
1 ○ Acceptance Test	1 ◉ Operative-In Tolerance
2 ○ Special Test	2 ○ Operative-Out of Tolerance >1x <2x
3 ○ Calibration to MFG Specs.	3 ○ Operative-Out of Tolerance >2x <3x
4 ○ Clean	4 ○ Operative-Out of Tolerance >3x <5x
5 ◉ Limited Calibration	5 ○ Operative-Out of Tolerance >5x
6 ○ Fuctional Test	6 ○ Operative-Out of Tolerance Undetermined
7 ○ Performance Test	7 ○ Inoperative
8 ○ Modify	8 ○ Damaged
9 ○ Repair	9 ○ Not Used
10 ○ Other	10 ○ Not Determined

Calibrated By Stan Zohner S# 58146 Phone 526-2469

CALIBRATION STANDARDS USED

710349	706685	702647					

STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY DERIVED FROM ACCEPTED VALUES FOR NATURAL PHYSICAL CONSTANTS, OR DERIVED FROM THE RATIO TYPE OF SELF CALIBRATION TECHNIQUES

LABORATORY TEMPERATURE AND HUMIDITY

Physical-	STD.. 20.0°	+/-0.3° C	(40-55% RH)
Dimensional	STD.. 20.0°	+/-0.25° C	(30-45% RH)
	CAL.. 20.0°	+/-1.0° C	(20-50% RH)
Electronic-	STD. 23.0°	+/-0.5° C	(30-45% RH)
	CAL 23.0°	+/-2.0° C	(20-50% RH)

OUT OF TOLERANCE CONDITIONS FOUND DURING CALIBRATION

Nominal (STD)	Units	As Found (UUT)	MFG. Accuracy

COMMENTS:

LIMITED: ACCURACY LIMITED TO +/- 10 PPM (0.001 PERCENT) OF READING FOR DISTANCES > 200 METERS

OVARD/C BOWLES / 952109030 / 1-14-99

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT
WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES
☐ C REVISE AND RESUBMIT
☐ D REVIEW NOT REQUIRED
WORK MAY PROCEED

CONTRACT NO. S-73044-19-C-018 R.O
BY: Annette Poole
DATE 3-1-99

M-2817

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY
CALIBRATION INPUT DATA

Thursday, January 14, 1999

CUSTOMER						
ME MIKE SPARKS	BADGE: 20833	PH: 526-3433	AREA: INTEC	BLDG: 698	RM	120

ID Number 714435

Mfr: LEICA Model: T1610 Noun Name TRANSIT

Calibration Date 1/14/99

Next Cal Due Date 1/14/00

Charge Level: 6

Repair Hours 0

Material Amount 0

Charge Number 952109030

Cal Work Inst. ID 5426A

Outside Vendor

ACTION CODE	AS FOUND
1 ○ Acceptance Test	1 ◉ Operative-In Tolerance
2 ○ Special Test	2 ○ Operative-Out of Tolerance >1x <2x
3 ◉ Calibration to MFG Specs.	3 ○ Operative-Out of Tolerance >2x <3x
4 ○ Clean	4 ○ Operative-Out of Tolerance >3x <5x
5 ○ Limited Calibration	5 ○ Operative-Out of Tolerance >5x
6 ○ Fuctional Test	6 ○ Operative-Out of Tolerance Undetermined
7 ○ Performance Test	7 ○ Inoperative
8 ○ Modify	8 ○ Damaged
9 ○ Repair	9 ○ Not Used
10 ○ Other	10 ○ Not Determined

Calibrated By Stan Zohner S# 58146 Phone 526-2469

CALIBRATION STANDARDS USED

302797							

STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY DERIVED FROM ACCEPTED VALUES FOR NATURAL PHYSICAL CONSTANTS, OR DERIVED FROM THE RATIO TYPE OF SELF CALIBRATION TECHNIQUES

LABORATORY TEMPERATURE AND HUMIDITY

Physical-	STD.. 20.0°	+/-0.3° C	(40-55% RH)
Dimensional	STD.. 20.0°	+/-0.25° C	(30-45% RH)
	CAL.. 20.0°	+/-1.0° C	(20-50% RH)
Electronic-	STD. 23.0°	+/-0.5° C	(30-45% RH)
	CAL. 23.0°	+/-2.0° C	(20-50% RH)

OUT OF TOLERANCE CONDITIONS FOUND DURING CALIBRATION

Nominal (STD)	Units	As Found (UUT)	MFG. Accuracy

COMMENTS:

OVARD/C BOWLES / 952109030 / 1-14-99

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY
CALIBRATION INPUT DATA

Monday, January 04, 1999

\ME MIKE SPARKS	BADGE: 20833	CUSTOMER PH: 526-3433	AREA: INTEC	BLDG: 698	RM 120

ID Number 714434

Mfr: WILD HBRUG Model: NA2 Noun Name SURVEY LEVEL

Calibration Date 1/4/99

Next Cal Due Date 1/4/00

Charge Level: 3

Repair Hours 0

Material Amount 0

Charge Number 952109030

Cal Work Inst. ID 5414A

Outside Vendor

ACTION CODE	AS FOUND
1 ○ Acceptance Test	1 ◉ Operative-In Tolerance
2 ○ Special Test	2 ○ Operative-Out of Tolerance >1x <2x
3 ○ Calibration to MFG Specs.	3 ○ Operative-Out of Tolerance >2x <3x
4 ○ Clean	4 ○ Operative-Out of Tolerance >3x <5x
5 ◉ Limited Calibration	5 ○ Operative-Out of Tolerance >5x
6 ○ Fuctional Test	6 ○ Operative-Out of Tolerance Undetermined
7 ○ Performance Test	7 ○ Inoperative
8 ○ Modify	8 ○ Damaged
9 ○ Repair	9 ○ Not Used
10 ○ Other	10 ○ Not Determined

Calibrated By Stan Zohner S# 58146 Phone 526-2469

CALIBRATION STANDARDS USED

302797						

STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY DERIVED FROM ACCEPTED VALUES FOR NATURAL PHYSICAL CONSTANTS, OR DERIVED FROM THE RATIO TYPE OF SELF CALIBRATION TECHNIQUES

LABORATORY TEMPERATURE AND HUMIDITY

Physical-	STD.. 20.0°	+/-0.3° C	(40-55% RH)
Dimensional	STD.. 20.0°	+/-0.25° C	(30-45% RH)
	CAL.. 20.0°	+/-1.0° C	(20-50% RH)
Electronic-	STD. 23.0°	+/-0.5° C	(30-45% RH)
	CAL. 23.0°	+/-2.0° C	(20-50% RH)

OUT OF TOLERANCE CONDITIONS FOUND DURING CALIBRATION

Nominal (STD)	Units	As Found (UUT)	MFG. Accuracy

COMMENTS:

LIMITED: COMPENSATOR SETTING ACCURACY +/- 0.5 INCH

OVARD/C BOWLES/ 952109030/ 1-5-99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

February 10, 1999

SUBMITTAL NO.: S-7304449.01-018 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" Calibration Records
"B"
"C"
"D"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM -CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - Leo Herbert	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: FEB. 16, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:	DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D	COMMENTS: YES ☐ NO ☒ ATTACHED: ☐
RESPONSIBLE ENGINEER:	DATE: 02/26/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

February 10, 1999

SUBMITTAL NO.: S-7304449.01-018 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" Calibration Records
"B"
"C"
"D"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM -CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - Leo Herbert	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: FEB. 16, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [signature] DATE: 2/12/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

040

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-40 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-21
(7) Date of Submittal 02-26-99

(1) Work may proceed subject to incorporation of any comments noted.
(2) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
(3) Revise and resubmit. Work may not proceed.
(4) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev.	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	PRD-4002 (3.1.7)	2-01	4		X			PCB SAMPLE ANALYSIS RESULTS			A

B-23

(19) Remarks:

(20) Subcontractor Signature Amanda M. Strader Date 02-26-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
3-1-99	3-1-99	4	AP
3-29-99	3-29-99	1	AP

(22) Comments:

(23) X (1) Additional Comments Attached Annette Poole (24) Signature 3/29/99 Date

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES&H			CAM Craig		
DC			PRO		
DC			SUB		
CF Judy			Mike J.		

Amanda M. Strader Subcontractor Signature 3/29/99 Date

040

PARSONS

Phenix of Idaho

DOCUMENT REVIEW RECORD

☐ Proje cument
☐ Design document
☒ Vendor Data

Project: S7304449.01- 040 R/0 Document Number/Title:

Submittal No: Reviewer: Mike Jorgenson Review Date: Page: 1 of

ITEM NUMBER	SECTION NUMBER	PAGE NUMBER	CODE	COMMENT	COMMENT RESOLUTION CLR 03/25/97
A				IS THIS A REVISION TO A PREVIOUS SUBMITTAL? SHOULD IT BE?	No this is not a prev. submittal
				THERE SHOULD BE A LETTER OF EXPLANATION FOR THE PREVIOUS PCB SAMPLE RESULTS.	
				ARE TEST RESULTS SPECIFIC TO A PARTICULAR VEHICLE / EQUIPMENT?	yes test are specific to each piece of equipment

Comment Resolutions Accepted By Reviewer: Date:

A-Approved as Submitted
B-Approved as Noted
C-Revise and Resubmitt
D-Information Only

Phenix of Idaho, Inc.

February 26, 1999

Mr. Paul Bills, Subcontract Administrator
Parsons Infrastructure & Technology Group, Inc.
PO Box 1625-MS3454
Idaho Falls, ID 83415-2426

RE: Subcontract No. 734449-T270-S3001-99
Vendor Data Item No. 2-01
PCB Sample Analysis Results

Dear Mr. Bills:

This letter is to certify that all equipment owned by Phenix of Idaho, Inc. and to be used on the above referenced project was manufactured after 1983 or has had P.C.B. tests performed, that had P.C.B. free results. Equipment invoices with the date of manufacture are attached.

Test on the four front-end loaders manufactured prior to 1983 are also attached.

Sincerely,

Lance Peterson
President

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-730449.01-040
BY: Annette Poole
DATE 3-29-99
R.0

P.O. Box 1626 • Idaho Falls, Idaho 83403-1626 • (208) 524-6488 • FAX (208) 524-6610

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/12/1999
14:14:35
PHENPC

Laboratory : 711194A Date: 01/18/1999
Description: SAMPLE ID: L-1 HYD

Test Performed	Result
PCB Screen, HL-1147A(1.0).....	>50 ppm

Revised report supersedes Laboratory No. 711194 and includes new results.
PCB content per EPA-600/4-81-045 Method EPA 8080/8081 = <1 ppm.
No PCB's detected.

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-040 R.0
BY: Annette Poole
DATE: 3-29-99

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/12/1999
14:20:55
PHENPC

Laboratory : 711195A Date: 01/18/1999
Description: SAMPLE ID: L-2 HYD

Test Performed	Result
PCB Screen, HL-1147A(1.0).....	>50 ppm

Revised report supersedes Laboratory No. 711195 and includes new results.
PCB content per EPA-600/4-81-045 Method 8080/8081 = <1 ppm.
No PCB's detected.

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/12/1999
14:23:07
PHENPC

Laboratory : 711196A Date: 01/18/1999
Description: SAMPLE ID: L-7 HYD

Test Performed	Result
PCB Screen, HL-1147A(1.0).....	>50 ppm

Revised report supersedes Laboratory No. 711196 and includes new results.
PCB content per EPA-600/4-81-045 Method 8080/8081 = <1 ppm.
No PCB's detected.

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/12/1999
14:21:25
PHENPC

Laboratory : 711197A Date: 01/18/1999
Description: SAMPLE ID: L-8 HYD

Test Performed	Result
PCB Screen, HL-1147A(1.0).....	>50 ppm

Revised report supersedes Laboratory No. 711197 and includes new results.
PCB content per EPA-600/4-81-045 Method 8080/8081 = <1 ppm.
No PCB's detected.

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

041

SEE INSTRUCTION ON REVERSE SIDE

VENDOR DATA TRANSMI AND DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-041 (2) Rev. 0
(3) Project IRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-41
(7) Date of Submittal 03-02-99

ORIGINAL

[ ] You may proceed subject to incorporation of any comments noted.
[ ] Revise and resubmit. Work may proceed subject to incorporation of comments noted.
[ ] Revise and resubmit. Work may not proceed.
[X] Review not required. Work may proceed.

(8) Line Item No.	Rev	(9) Spec. Ref.	(10) VDS Item No	(11) Qty. Encl	(12) Resub	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	PRD-4002 (3.1.7)	2-01	4		X			PCB SAMPLE ANANLYSIS RESULTS			A

(19) Remarks:

(20) Subcontractor Signature Amanda M. Strader Date 03-02-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
3-2-99	3-3-99	4	AP
3-29-99	3-29-99	1	AP

(22) Comments:

(23) [X] Additional Comments Attached Annette Poole (24) Signature 3/29/99 Date

(26) I acknowledge receipt of the data indicated and agree ____ disagree ____ to incorporate any comments.

(25) Distribution	CVR	Sats	Distribution	CVR	Sats
ES&H			CAM Scott Z.		
DC			PRO		
DC			SUB Mike J.		
CE Judy					

Amanda M. Strader Subcontractor Signature 3/29/99 Date

041

B-37

PARSONS

Phenix of Idaho

DOCUMENT REVIEW RECORD

☐ Project ment
☐ Design document
☒ Vendor Data

roject: S7304449.01- Document Number/Title:

ubmittal No: 041 R.0 Reviewer: Mike Jorgenson Review Date: Page: 1 of

ITEM NUMBER	SECTION NUMBER	PAGE NUMBER	CODE	COMMENT	COMMENT RESOLUTION
A				IS THIS THE SAME ANALYSIS SUBMITTED PREVIOUSLY? IS THIS JUST IDENTIFYING THE EQUIPMENT TO THE PCB RESULTS?	COMBINE ALL PCB DATA IN SAME SUBMITTAL. NOT SURE HOW IT IS REQUESTED ON VDS
				CLR 03/25/99	
				These analyses are	
				have not been submitted	
				previously. The VDS states	
				that prior to mob need	
				to submit, That is what	
				the sub is doing.	
				I gave this a Final	
				disposition of an A.	

omment Resolutions Accepted By Reviewer: Date:

Approved as Submitted
Approved as Noted
C-Revise and Resubmitt
D-Information Only

Phenix of Idaho, Inc.

March 2, 1999

Mr. Paul Bills
Subcontract Infrastructure &
Technology Group Inc.
P.O. Box 1625-M5 3454
Idaho Falls, ID 83405-2426

Re: Subcontract No. 734449-T270
Vendor Data Item No. 2-01
PCB Sample Analysis Results

Dear Mr. Bills,

This letter is to certify that the following pieces of equipment have had a P.C.B. test performed that had P.C.B. free results:

1. EX1 Liebher Excavator
2. EX2 John Deere Excavator
3. RO8 Sheepfoot Roller
4. L-8 950 Cat Loader

The test reports on all four pieces of equipment are attached.

Sincerely,

Lance Peterson
President

attachments

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-041 R.0
BY: Annette Poole
DATE: 3-29-99

P.O. Box 1626 • Idaho Falls, Idaho 83403-1626 • (208) 524-6488 • FAX (208) 524-6610

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/22/1999
15:48:23
PHENPC

Laboratory : 711327 Date: 02/10/1999
Description: SAMPLE ID: EX-1 HYD MOBILFLUID 424 LIEBHERR 825

Test Performed	Proc-Rev	Result
PCB content - <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

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Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/22/1999
15:44:08
PHENPC

Laboratory : 711324 Date: 02/10/1999
Description: SAMPLE ID: L-8 HYD MOBILFLUID 424 CAT 950

Test Performed	Proc-Rev	Result
PCB content - <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

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Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/22/1999
15:45:20
PHENPC

Laboratory : 711326 Date: 02/10/1999
Description: SAMPLE ID: RO-8 HYD MOBILFLUID 424 IR SPF56

Test Performed	Proc-Rev	Result
PCB content - <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

BH:mk

by William R. Herguth

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Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

02/22/1999
15:44:54
PHENPC

Laboratory : 711325 Date: 02/10/1999
Description: SAMPLE ID: EX-2 HYD MOBILFLUID 424 JD890

Test Performed	Proc-Rev	Result
PCB content - <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

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PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 3, 1999

SUBMITTAL NO.: S-7304449.01-041 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PCB SAMPLE ANALYSIS RESULTS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM ~~CRAIG REESE~~ Scott F.	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA -	☐ OTHER - MIKE JORGENSON	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese CR	AT: MS/3954 WAC	BY: MARCH 10, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		
REVIEWER:			DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D	COMMENTS: YES ☒ NO ☒ ATTACHED: ☒
RESPONSIBLE ENGINEER: Craig Reese	DATE: 03/25/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 3, 1999

SUBMITTAL NO.: S-7304449.01-041 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PCB SAMPLE ANALYSIS RESULTS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

:	☒ ES&H -	☐ OTHER -
☒ CAM -CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ [illegible]	☐ OTHER - MIKE JORGENSON	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 10, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [illegible] DATE: 3/4/99

APPROVAL AUTHORITY DISPOSITION

[illegible]TAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS [illegible]OSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 3, 1999

SUBMITTAL NO.: S-7304449.01-041 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PCB SAMPLE ANALYSIS RESULTS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

:	☒ ES&H -	☐ OTHER -
☒ CAM -CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA -	☐ OTHER - MIKE JORGENSON	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 9 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	B		

REVIEWER: M. D. Jorgenson DATE: 3-9-99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

043

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

(1) PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-043 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-44
(7) Date of Submittal 03-09-99

(1) We concur, proceed subject to incorporation of any comments noted.
(2) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
(3) Revise and resubmit. Work may not proceed.
(4) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No	(8) Rev	(9) Spec. Ref.	(10) VDS Item No	(11) Qty. Encl	(12) Resub	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	PRD-5015	------	4				X	OFF-SITE CALIBRATION FOR NUCLEAR GAUGE			A

(19) Remarks:

(20) Subcontractor Signature Amanda M. Strader Date 03-09-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
3-9-99	3-10-99	4	AP
3-29-99	3-29-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached Annette Poole 3/29/99
(24) Signature Date

(25) Distribution	CVR	Sats	Distribution	CVR	Sats
ES&H			CAM Craig		
DC Lee			PRO		
DC			SUB		
CE Gary					

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

Amanda M. Strader 3/29/99
Subcontractor Signature Date

B-57

043

Phenix of Idaho, Inc.

March 9, 1999

Mr. Paul Bills, Subcontract Administrator
Parsons Infrastructure & Technology Group Inc
PO Box 1625-MS3454
Idaho Falls, ID

RE: Subcontract No. 734449-T270
Nuclear Gauge Calibration

Dear Mr. Bills:

This letter is being written to inform you that the INEEL Calibration Lab cannot calibrate the Nuclear Gauge used for compaction, per a telephone conversation that Mike Keeton and Harry Moody had.

Find attached calibration records for Nuclear Gauge to be used for above referenced project from an off-site calibration lab.

Sincerely,

Lance Peterson
President

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-043 R.0
BY: Annette Poole
DATE: 3-29-99

P.O. Box 1626 • Idaho Falls, Idaho 83403-1626 • (208) 524-6488 • FAX (208) 524-6610
EEO Employer

DATE- 08-04-1998

NUCLEAR TESTING SERVICES

)E MODEL- MC-1
.GE SERIAL- 3041

STANDARD COUNTS:	DENSITY	3463	RANGE	3394	TO	3532
	MOISTURE	2548	RANGE	2472	TO	2624

DENSITY CALIBRATION COUNTS

DEPTH	MAG	MAG -ALUM	LIME	GRAN	ALUM
	110.5	138.4	143.8	164.5	168.6
BS	1679	1212	994	897	865
AC	3356	2441	2029	1720	1718
2	8162	5779	4945	3863	3843
	7342	4845	4130	2972	3055
	5380	3224	2680	1846	1857
8	3444	1878	1494	1002	1025

MOISTURE CALIBRATION COUNTS

MAG (0.0)	POLY-MAG (32.0)
132	2007

DATE- 08-04-1998

MOISTURE CONTENT

GUAGE MODEL- MC-1 GUAGE SERIAL- 3041

CR IS MEASUREMENT COUNT/STANDARD MOISTURE COUNT

CR	MC	CR	MC	CR	MC	CR	MC
0.043	0.25	0.277	10.25	0.512	20.25	0.747	30.25
0.048	0.50	0.283	10.50	0.518	20.50	0.752	30.50
0.054	0.75	0.289	10.75	0.524	20.75	0.758	30.75
0.060	1.00	0.295	11.00	0.530	21.00	0.764	31.00
0.066	1.25	0.301	11.25	0.535	21.25	0.770	31.25
0.072	1.50	0.307	11.50	0.541	21.50	0.776	31.50
0.078	1.75	0.312	11.75	0.547	21.75	0.782	31.75
0.084	2.00	0.318	12.00	0.553	22.00	0.788	32.00
0.089	2.25	0.324	12.25	0.559	22.25	0.794	32.25
0.095	2.50	0.330	12.50	0.565	22.50	0.799	32.50
0.101	2.75	0.336	12.75	0.571	22.75	0.805	32.75
0.107	3.00	0.342	13.00	0.576	23.00	0.811	33.00
0.113	3.25	0.348	13.25	0.582	23.25	0.817	33.25
0.119	3.50	0.354	13.50	0.588	23.50	0.823	33.50
0.125	3.75	0.359	13.75	0.594	23.75	0.829	33.75
0.131	4.00	0.365	14.00	0.600	24.00	0.835	34.00
0.136	4.25	0.371	14.25	0.606	24.25	0.840	34.25
0.142	4.50	0.377	14.50	0.612	24.50	0.846	34.50
0.148	4.75	0.383	14.75	0.618	24.75	0.852	34.75
0.154	5.00	0.389	15.00	0.623	25.00	0.858	35.00
.160	5.25	0.395	15.25	0.629	25.25	0.864	35.25
.166	5.50	0.400	15.50	0.635	25.50	0.870	35.50
0.172	5.75	0.406	15.75	0.641	25.75	0.876	35.75
0.177	6.00	0.412	16.00	0.647	26.00	0.882	36.00
0.183	6.25	0.418	16.25	0.653	26.25	0.887	36.25
0.189	6.50	0.424	16.50	0.659	26.50	0.893	36.50
0.195	6.75	0.430	16.75	0.664	26.75	0.899	36.75
0.201	7.00	0.436	17.00	0.670	27.00	0.905	37.00
0.207	7.25	0.442	17.25	0.676	27.25	0.911	37.25
0.213	7.50	0.447	17.50	0.682	27.50	0.917	37.50
0.219	7.75	0.453	17.75	0.688	27.75	0.923	37.75
0.224	8.00	0.459	18.00	0.694	28.00	0.928	38.00
0.230	8.25	0.465	18.25	0.700	28.25	0.934	38.25
0.236	8.50	0.471	18.50	0.706	28.50	0.940	38.50
0.242	8.75	0.477	18.75	0.711	28.75	0.946	38.75
0.248	9.00	0.483	19.00	0.717	29.00	0.952	39.00
0.254	9.25	0.488	19.25	0.723	29.25	0.958	39.25
0.260	9.50	0.494	19.50	0.729	29.50	0.964	39.50
0.265	9.75	0.500	19.75	0.735	29.75	0.970	39.75
0.271	10.00	0.506	20.00	0.741	30.00	0.975	40.00

- 08-04-1998

BACKSCATTER DENSITY

GUAGE MODEL- MC-1 GUAGE SERIAL- 3041

CR IS MEASUREMENT COUNT/STANDARD DENSITY COUNT

CR	DEN	CR	DEN	CR	DEN	CR	DEN
0.859	71.00	0.589	96.00	0.415	121.00	0.303	146.00
0.853	71.50	0.585	96.50	0.413	121.50	0.302	146.50
0.846	72.00	0.581	97.00	0.410	122.00	0.300	147.00
0.840	72.50	0.576	97.50	0.407	122.50	0.298	147.50
0.833	73.00	0.572	98.00	0.404	123.00	0.296	148.00
0.827	73.50	0.568	98.50	0.402	123.50	0.295	148.50
0.820	74.00	0.564	99.00	0.399	124.00	0.293	149.00
0.814	74.50	0.560	99.50	0.396	124.50	0.291	149.50
0.808	75.00	0.556	100.00	0.394	125.00	0.290	150.00
0.802	75.50	0.552	100.50	0.391	125.50	0.288	150.50
0.795	76.00	0.548	101.00	0.389	126.00	0.286	151.00
0.789	76.50	0.544	101.50	0.386	126.50	0.285	151.50
0.783	77.00	0.540	102.00	0.384	127.00	0.283	152.00
0.777	77.50	0.536	102.50	0.381	127.50	0.281	152.50
0.771	78.00	0.533	103.00	0.379	128.00	0.280	153.00
0.766	78.50	0.529	103.50	0.376	128.50	0.278	153.50
[illegible]760	79.00	0.525	104.00	0.374	129.00	0.277	154.00
[illegible]54	79.50	0.521	104.50	0.372	129.50	0.275	154.50
[illegible].748	80.00	0.518	105.00	0.369	130.00	0.274	155.00
0.742	80.50	0.514	105.50	0.367	130.50	0.272	155.50
0.737	81.00	0.510	106.00	0.365	131.00	0.271	156.00
0.731	81.50	0.507	106.50	0.362	131.50	0.269	156.50
0.726	82.00	0.503	107.00	0.360	132.00	0.268	157.00
0.720	82.50	0.500	107.50	0.358	132.50	0.266	157.50
0.715	83.00	0.496	108.00	0.355	133.00	0.265	158.00
0.709	83.50	0.493	108.50	0.353	133.50	0.263	158.50
0.704	84.00	0.489	109.00	0.351	134.00	0.262	159.00
0.699	84.50	0.486	109.50	0.349	134.50	0.261	159.50
0.694	85.00	0.482	110.00	0.347	135.00	0.259	160.00
0.688	85.50	0.479	110.50	0.344	135.50	0.258	160.50
0.683	86.00	0.476	111.00	0.342	136.00	0.256	161.00
0.678	86.50	0.473	111.50	0.340	136.50	0.255	161.50
0.673	87.00	0.469	112.00	0.338	137.00	0.254	162.00
0.668	87.50	0.466	112.50	0.336	137.50	0.252	162.50
0.663	88.00	0.463	113.00	0.334	138.00	0.251	163.00
0.658	88.50	0.460	113.50	0.332	138.50	0.250	163.50
0.653	89.00	0.457	114.00	0.330	139.00	0.248	164.00
0.648	89.50	0.453	114.50	0.328	139.50	0.247	164.50
0.644	90.00	0.450	115.00	0.326	140.00	0.246	165.00
0.639	90.50	0.447	115.50	0.324	140.50	0.245	165.50
0.634	91.00	0.444	116.00	0.322	141.00	0.243	166.00
0.629	91.50	0.441	116.50	0.320	141.50	0.242	166.50
[illegible]625	92.00	0.438	117.00	0.318	142.00	0.241	167.00
[illegible]20	92.50	0.435	117.50	0.316	142.50	0.240	167.50
[illegible].616	93.00	0.432	118.00	0.314	143.00	0.238	168.00
0.611	93.50	0.429	118.50	0.312	143.50	0.237	168.50
0.607	94.00	0.427	119.00	0.311	144.00	0.236	169.00
0.602	94.50	0.424	119.50	0.309	144.50	0.235	169.50
0.598	95.00	0.421	120.00	0.307	145.00	0.234	170.00
0.594	95.50	0.418	120.50	0.305	145.50	0.232	170.50

D-5- 08-04-1998

AC DENSITY

GUAGE MODEL- MC-1 GUAGE SERIAL- 3041

CR IS MEASUREMENT COUNT/STANDARD DENSITY COUNT

CR	DEN	CR	DEN	CR	DEN	CR	DEN
1.649	71.00	1.162	96.00	0.831	121.00	0.606	146.00
1.637	71.50	1.155	96.50	0.826	121.50	0.602	146.50
1.626	72.00	1.147	97.00	0.820	122.00	0.598	147.00
1.614	72.50	1.139	97.50	0.815	122.50	0.595	147.50
1.603	73.00	1.131	98.00	0.810	123.00	0.591	148.00
1.591	73.50	1.123	98.50	0.805	123.50	0.588	148.50
1.580	74.00	1.116	99.00	0.799	124.00	0.584	149.00
1.569	74.50	1.108	99.50	0.794	124.50	0.580	149.50
1.558	75.00	1.101	100.00	0.789	125.00	0.577	150.00
1.547	75.50	1.093	100.50	0.784	125.50	0.574	150.50
1.536	76.00	1.086	101.00	0.779	126.00	0.570	151.00
1.525	76.50	1.078	101.50	0.774	126.50	0.567	151.50
1.515	77.00	1.071	102.00	0.769	127.00	0.563	152.00
1.504	77.50	1.064	102.50	0.764	127.50	0.560	152.50
1.493	78.00	1.057	103.00	0.759	128.00	0.557	153.00
1.483	78.50	1.049	103.50	0.754	128.50	0.553	153.50
1.472	79.00	1.042	104.00	0.749	129.00	0.550	154.00
52	79.50	1.035	104.50	0.745	129.50	0.547	154.50
452	80.00	1.028	105.00	0.740	130.00	0.544	155.00
1.442	80.50	1.021	105.50	0.735	130.50	0.540	155.50
1.432	81.00	1.015	106.00	0.731	131.00	0.537	156.00
1.422	81.50	1.008	106.50	0.726	131.50	0.534	156.50
1.412	82.00	1.001	107.00	0.721	132.00	0.531	157.00
1.402	82.50	0.994	107.50	0.717	132.50	0.528	157.50
1.392	83.00	0.988	108.00	0.712	133.00	0.525	158.00
1.382	83.50	0.981	108.50	0.708	133.50	0.522	158.50
1.373	84.00	0.974	109.00	0.703	134.00	0.519	159.00
1.363	84.50	0.968	109.50	0.699	134.50	0.515	159.50
1.354	85.00	0.961	110.00	0.694	135.00	0.513	160.00
1.344	85.50	0.955	110.50	0.690	135.50	0.510	160.50
1.335	86.00	0.949	111.00	0.686	136.00	0.507	161.00
1.326	86.50	0.942	111.50	0.681	136.50	0.504	161.50
1.316	87.00	0.936	112.00	0.677	137.00	0.501	162.00
1.307	87.50	0.930	112.50	0.673	137.50	0.498	162.50
1.298	88.00	0.924	113.00	0.669	138.00	0.495	163.00
1.289	88.50	0.918	113.50	0.665	138.50	0.492	163.50
1.280	89.00	0.912	114.00	0.660	139.00	0.489	164.00
1.272	89.50	0.906	114.50	0.656	139.50	0.487	164.50
1.263	90.00	0.900	115.00	0.652	140.00	0.484	165.00
1.254	90.50	0.894	115.50	0.648	140.50	0.481	165.50
1.245	91.00	0.888	116.00	0.644	141.00	0.478	166.00
1.237	91.50	0.882	116.50	0.640	141.50	0.476	166.50
1.228	92.00	0.876	117.00	0.636	142.00	0.473	167.00
20	92.50	0.870	117.50	0.632	142.50	0.470	167.50
1.211	93.00	0.865	118.00	0.628	143.00	0.468	168.00
1.203	93.50	0.859	118.50	0.625	143.50	0.465	168.50
1.195	94.00	0.853	119.00	0.621	144.00	0.462	169.00
1.187	94.50	0.848	119.50	0.617	144.50	0.460	169.50
1.179	95.00	0.842	120.00	0.613	145.00	0.457	170.00
1.170	95.50	0.837	120.50	0.609	145.50	0.455	170.50

DATE- 08-04-1998

DIRECT TRANSMISSION DENSITY - 2 INCH

GUAGE MODEL- MC-1 GUAGE SERIAL- 3041

CR IS MEASUREMENT COUNT/STANDARD DENSITY COUNT

CR	DEN	CR	DEN	CR	DEN	CR	DEN
4.039	71.00	2.843	96.00	2.003	121.00	1.412	146.00
4.011	71.50	2.823	96.50	1.989	121.50	1.402	146.50
3.983	72.00	2.804	97.00	1.975	122.00	1.392	147.00
3.955	72.50	2.784	97.50	1.961	122.50	1.383	147.50
3.927	73.00	2.765	98.00	1.947	123.00	1.373	148.00
3.900	73.50	2.745	98.50	1.934	123.50	1.364	148.50
3.873	74.00	2.726	99.00	1.920	124.00	1.354	149.00
3.845	74.50	2.707	99.50	1.907	124.50	1.345	149.50
3.819	75.00	2.688	100.00	1.894	125.00	1.335	150.00
3.792	75.50	2.669	100.50	1.880	125.50	1.326	150.50
3.765	76.00	2.651	101.00	1.867	126.00	1.317	151.00
3.739	76.50	2.632	101.50	1.854	126.50	1.308	151.50
3.713	77.00	2.614	102.00	1.841	127.00	1.299	152.00
3.687	77.50	2.595	102.50	1.828	127.50	1.290	152.50
3.661	78.00	2.577	103.00	1.816	128.00	1.281	153.00
3.635	78.50	2.559	103.50	1.803	128.50	1.272	153.50
3.610	79.00	2.541	104.00	1.791	129.00	1.263	154.00
3.585	79.50	2.524	104.50	1.778	129.50	1.254	154.50
3.559	80.00	2.506	105.00	1.766	130.00	1.245	155.00
3.535	80.50	2.488	105.50	1.753	130.50	1.237	155.50
10	81.00	2.471	106.00	1.741	131.00	1.228	156.00
85	81.50	2.454	106.50	1.729	131.50	1.220	156.50
3.461	82.00	2.437	107.00	1.717	132.00	1.211	157.00
3.437	82.50	2.420	107.50	1.705	132.50	1.203	157.50
3.413	83.00	2.403	108.00	1.693	133.00	1.194	158.00
3.389	83.50	2.386	108.50	1.681	133.50	1.186	158.50
3.365	84.00	2.369	109.00	1.670	134.00	1.178	159.00
3.341	84.50	2.353	109.50	1.658	134.50	1.170	159.50
3.318	85.00	2.336	110.00	1.646	135.00	1.162	160.00
3.295	85.50	2.320	110.50	1.635	135.50	1.154	160.50
3.272	86.00	2.304	111.00	1.624	136.00	1.146	161.00
3.249	86.50	2.288	111.50	1.612	136.50	1.138	161.50
3.226	87.00	2.272	112.00	1.601	137.00	1.130	162.00
3.204	87.50	2.256	112.50	1.590	137.50	1.122	162.50
3.181	88.00	2.240	113.00	1.579	138.00	1.114	163.00
3.159	88.50	2.224	113.50	1.568	138.50	1.106	163.50
3.137	89.00	2.209	114.00	1.557	139.00	1.099	164.00
3.115	89.50	2.194	114.50	1.546	139.50	1.091	164.50
3.093	90.00	2.178	115.00	1.535	140.00	1.084	165.00
3.071	90.50	2.163	115.50	1.525	140.50	1.076	165.50
3.050	91.00	2.148	116.00	1.514	141.00	1.069	166.00
3.029	91.50	2.133	116.50	1.503	141.50	1.061	166.50
3.007	92.00	2.118	117.00	1.493	142.00	1.054	167.00
2.986	92.50	2.103	117.50	1.483	142.50	1.046	167.50
2.965	93.00	2.089	118.00	1.472	143.00	1.039	168.00
2.945	93.50	2.074	118.50	1.462	143.50	1.032	168.50
24	94.00	2.060	119.00	1.452	144.00	1.025	169.00
04	94.50	2.045	119.50	1.442	144.50	1.018	169.50
2.883	95.00	2.031	120.00	1.432	145.00	1.011	170.00
2.863	95.50	2.017	120.50	1.422	145.50	1.004	170.50

DATE- 08-04-1998

DIRECT TRANSMISSION DENSITY - 4 INCH

GUAGE MODEL- MC-1 GUAGE SERIAL- 3041

R IS MEASUREMENT COUNT/STANDARD DENSITY COUNT

CR	DEN	CR	DEN	CR	DEN	CR	DEN
4.165	71.00	2.666	96.00	1.731	121.00	1.147	146.00
4.127	71.50	2.643	96.50	1.716	121.50	1.138	146.50
4.090	72.00	2.620	97.00	1.702	122.00	1.129	147.00
4.053	72.50	2.597	97.50	1.688	122.50	1.120	147.50
4.017	73.00	2.574	98.00	1.673	123.00	1.111	148.00
3.981	73.50	2.552	98.50	1.659	123.50	1.102	148.50
3.945	74.00	2.529	99.00	1.645	124.00	1.094	149.00
3.910	74.50	2.507	99.50	1.632	124.50	1.085	149.50
3.875	75.00	2.485	100.00	1.618	125.00	1.077	150.00
3.840	75.50	2.464	100.50	1.605	125.50	1.068	150.50
3.806	76.00	2.442	101.00	1.591	126.00	1.060	151.00
3.772	76.50	2.421	101.50	1.578	126.50	1.052	151.50
3.738	77.00	2.400	102.00	1.565	127.00	1.043	152.00
3.705	77.50	2.379	102.50	1.552	127.50	1.035	152.50
3.672	78.00	2.358	103.00	1.539	128.00	1.027	153.00
3.639	78.50	2.338	103.50	1.526	128.50	1.019	153.50
3.606	79.00	2.318	104.00	1.513	129.00	1.011	154.00
3.574	79.50	2.298	104.50	1.501	129.50	1.004	154.50
3.542	80.00	2.278	105.00	1.488	130.00	0.996	155.00
3.511	80.50	2.258	105.50	1.476	130.50	0.988	155.50
[illegible]79	81.00	2.239	106.00	1.464	131.00	0.981	156.00
[illegible]48	81.50	2.219	106.50	1.452	131.50	0.973	156.50
3.418	82.00	2.200	107.00	1.440	132.00	0.966	157.00
3.387	82.50	2.181	107.50	1.428	132.50	0.958	157.50
3.357	83.00	2.162	108.00	1.416	133.00	0.951	158.00
3.327	83.50	2.144	108.50	1.405	133.50	0.944	158.50
3.298	84.00	2.125	109.00	1.393	134.00	0.936	159.00
3.269	84.50	2.107	109.50	1.382	134.50	0.929	159.50
3.240	85.00	2.089	110.00	1.371	135.00	0.922	160.00
3.211	85.50	2.071	110.50	1.359	135.50	0.915	160.50
3.182	86.00	2.053	111.00	1.348	136.00	0.908	161.00
3.154	86.50	2.036	111.50	1.337	136.50	0.901	161.50
3.126	87.00	2.018	112.00	1.326	137.00	0.895	162.00
3.099	87.50	2.001	112.50	1.316	137.50	0.888	162.50
3.071	88.00	1.984	113.00	1.305	138.00	0.881	163.00
3.044	88.50	1.967	113.50	1.294	138.50	0.875	163.50
3.017	89.00	1.950	114.00	1.284	139.00	0.868	164.00
2.991	89.50	1.933	114.50	1.273	139.50	0.862	164.50
2.964	90.00	1.917	115.00	1.263	140.00	0.855	165.00
2.938	90.50	1.901	115.50	1.253	140.50	0.849	165.50
2.912	91.00	1.884	116.00	1.243	141.00	0.843	166.00
2.886	91.50	1.868	116.50	1.233	141.50	0.836	166.50
2.861	92.00	1.853	117.00	1.223	142.00	0.830	167.00
2.836	92.50	1.837	117.50	1.213	142.50	0.824	167.50
2.811	93.00	1.821	118.00	1.204	143.00	0.818	168.00
2.786	93.50	1.806	118.50	1.194	143.50	0.812	168.50
[illegible]62	94.00	1.791	119.00	1.184	144.00	0.806	169.00
[illegible]37	94.50	1.775	119.50	1.175	144.50	0.800	169.50
2.713	95.00	1.760	120.00	1.166	145.00	0.794	170.00
2.690	95.50	1.746	120.50	1.156	145.50	0.788	170.50

DATE- 08-04-1998

DIRECT TRANSMISSION DENSITY - 6 INCH

GUAGE MODEL- MC-1 GUAGE SERIAL- 3041

R IS MEASUREMENT COUNT/STANDARD DENSITY COUNT

CR	DEN	CR	DEN	CR	DEN	CR	DEN
3.645	71.00	2.093	96.00	1.228	121.00	0.745	146.00
3.604	71.50	2.070	96.50	1.215	121.50	0.738	146.50
3.564	72.00	2.048	97.00	1.202	122.00	0.731	147.00
3.524	72.50	2.026	97.50	1.190	122.50	0.724	147.50
3.485	73.00	2.004	98.00	1.178	123.00	0.717	148.00
3.446	73.50	1.982	98.50	1.166	123.50	0.710	148.50
3.408	74.00	1.961	99.00	1.154	124.00	0.703	149.00
3.370	74.50	1.940	99.50	1.142	124.50	0.697	149.50
3.332	75.00	1.919	100.00	1.130	125.00	0.690	150.00
3.295	75.50	1.898	100.50	1.119	125.50	0.684	150.50
3.258	76.00	1.878	101.00	1.107	126.00	0.678	151.00
3.222	76.50	1.857	101.50	1.096	126.50	0.671	151.50
3.186	77.00	1.837	102.00	1.085	127.00	0.665	152.00
3.151	77.50	1.818	102.50	1.074	127.50	0.659	152.50
3.116	78.00	1.798	103.00	1.063	128.00	0.653	153.00
3.081	78.50	1.779	103.50	1.052	128.50	0.647	153.50
3.047	79.00	1.760	104.00	1.042	129.00	0.641	154.00
3.013	79.50	1.741	104.50	1.031	129.50	0.635	154.50
2.980	80.00	1.722	105.00	1.021	130.00	0.629	155.00
2.947	80.50	1.704	105.50	1.010	130.50	0.623	155.50
914	81.00	1.686	106.00	1.000	131.00	0.618	156.00
82	81.50	1.668	106.50	0.990	131.50	0.612	156.50
2.850	82.00	1.650	107.00	0.980	132.00	0.607	157.00
2.819	82.50	1.632	107.50	0.970	132.50	0.601	157.50
2.787	83.00	1.615	108.00	0.961	133.00	0.596	158.00
2.757	83.50	1.598	108.50	0.951	133.50	0.590	158.50
2.726	84.00	1.581	109.00	0.942	134.00	0.585	159.00
2.696	84.50	1.564	109.50	0.932	134.50	0.580	159.50
2.666	85.00	1.547	110.00	0.923	135.00	0.575	160.00
2.637	85.50	1.531	110.50	0.914	135.50	0.570	160.50
2.608	86.00	1.515	111.00	0.905	136.00	0.565	161.00
2.579	86.50	1.499	111.50	0.896	136.50	0.560	161.50
2.551	87.00	1.483	112.00	0.887	137.00	0.555	162.00
2.523	87.50	1.467	112.50	0.878	137.50	0.550	162.50
2.495	88.00	1.452	113.00	0.870	138.00	0.545	163.00
2.468	88.50	1.437	113.50	0.861	138.50	0.540	163.50
2.441	89.00	1.421	114.00	0.853	139.00	0.536	164.00
2.414	89.50	1.407	114.50	0.845	139.50	0.531	164.50
2.388	90.00	1.392	115.00	0.836	140.00	0.526	165.00
2.361	90.50	1.377	115.50	0.828	140.50	0.522	165.50
2.336	91.00	1.363	116.00	0.820	141.00	0.517	166.00
2.310	91.50	1.349	116.50	0.812	141.50	0.513	166.50
2.285	92.00	1.334	117.00	0.804	142.00	0.509	167.00
2.260	92.50	1.321	117.50	0.797	142.50	0.504	167.50
2.235	93.00	1.307	118.00	0.789	143.00	0.500	168.00
2.211	93.50	1.293	118.50	0.781	143.50	0.496	168.50
87	94.00	1.280	119.00	0.774	144.00	0.492	169.00
63	94.50	1.267	119.50	0.766	144.50	0.487	169.50
2.139	95.00	1.253	120.00	0.759	145.00	0.483	170.00
2.116	95.50	1.240	120.50	0.752	145.50	0.479	170.50

DATE- 08-04-1998

DIRECT TRANSMISSION DENSITY - 8 INCH

GUAGE MODEL- MC-1 GUAGE SERIAL- 3041

CR IS MEASUREMENT COUNT/STANDARD DENSITY COUNT

CR	DEN	CR	DEN	CR	DEN	CR	DEN
2.804	71.00	1.409	96.00	0.737	121.00	0.414	146.00
2.765	71.50	1.390	96.50	0.728	121.50	0.409	146.50
2.727	72.00	1.371	97.00	0.719	122.00	0.405	147.00
2.689	72.50	1.353	97.50	0.710	122.50	0.401	147.50
2.651	73.00	1.335	98.00	0.701	123.00	0.396	148.00
2.614	73.50	1.317	98.50	0.693	123.50	0.392	148.50
2.578	74.00	1.300	99.00	0.685	124.00	0.388	149.00
2.542	74.50	1.283	99.50	0.676	124.50	0.384	149.50
2.507	75.00	1.266	100.00	0.668	125.00	0.380	150.00
2.472	75.50	1.249	100.50	0.660	125.50	0.376	150.50
2.438	76.00	1.232	101.00	0.652	126.00	0.373	151.00
2.404	76.50	1.216	101.50	0.644	126.50	0.369	151.50
2.371	77.00	1.200	102.00	0.637	127.00	0.365	152.00
2.338	77.50	1.184	102.50	0.629	127.50	0.362	152.50
2.306	78.00	1.169	103.00	0.621	128.00	0.358	153.00
2.274	78.50	1.154	103.50	0.614	128.50	0.354	153.50
2.243	79.00	1.138	104.00	0.607	129.00	0.351	154.00
2.212	79.50	1.124	104.50	0.600	129.50	0.347	154.50
2.181	80.00	1.109	105.00	0.593	130.00	0.344	155.00
2.151	80.50	1.094	105.50	0.586	130.50	0.341	155.50
22	81.00	1.080	106.00	0.579	131.00	0.337	156.00
93	81.50	1.066	106.50	0.572	131.50	0.334	156.50
2.064	82.00	1.052	107.00	0.565	132.00	0.331	157.00
2.036	82.50	1.039	107.50	0.559	132.50	0.328	157.50
2.008	83.00	1.025	108.00	0.552	133.00	0.325	158.00
1.980	83.50	1.012	108.50	0.546	133.50	0.322	158.50
1.953	84.00	0.999	109.00	0.540	134.00	0.319	159.00
1.926	84.50	0.986	109.50	0.534	134.50	0.316	159.50
1.900	85.00	0.973	110.00	0.527	135.00	0.313	160.00
1.874	85.50	0.961	110.50	0.521	135.50	0.310	160.50
1.849	86.00	0.949	111.00	0.515	136.00	0.307	161.00
1.823	86.50	0.937	111.50	0.510	136.50	0.304	161.50
1.799	87.00	0.925	112.00	0.504	137.00	0.301	162.00
1.774	87.50	0.913	112.50	0.498	137.50	0.299	162.50
1.750	88.00	0.901	113.00	0.493	138.00	0.296	163.00
1.726	88.50	0.890	113.50	0.487	138.50	0.293	163.50
1.703	89.00	0.879	114.00	0.482	139.00	0.291	164.00
1.680	89.50	0.867	114.50	0.476	139.50	0.288	164.50
1.657	90.00	0.856	115.00	0.471	140.00	0.286	165.00
1.635	90.50	0.846	115.50	0.466	140.50	0.283	165.50
1.613	91.00	0.835	116.00	0.461	141.00	0.281	166.00
1.591	91.50	0.825	116.50	0.456	141.50	0.278	166.50
1.569	92.00	0.814	117.00	0.451	142.00	0.276	167.00
1.548	92.50	0.804	117.50	0.446	142.50	0.273	167.50
1.527	93.00	0.794	118.00	0.441	143.00	0.271	168.00
1.507	93.50	0.784	118.50	0.436	143.50	0.269	168.50
87	94.00	0.774	119.00	0.432	144.00	0.267	169.00
67	94.50	0.765	119.50	0.427	144.50	0.264	169.50
1.447	95.00	0.755	120.00	0.422	145.00	0.262	170.00
1.428	95.50	0.746	120.50	0.418	145.50	0.260	170.50

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 10, 1999

SUBMITTAL NO.: S-7304449.01-043 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" OFF-SITE CALIBRATION FOR NUCLEAR GAUGE
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ [redacted]	☐ OTHER -
☒ CAM - SCOTT FRANCIS	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 17, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER: Craig Reese DATE: 03/25/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 10, 1999

SUBMITTAL NO.: S-7304449.01-043 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" OFF-SITE CALIBRATION FOR NUCLEAR GAUGE
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ~~ES&H - LAWRENCE BLAIR~~	☐ OTHER -
☒ CAM - SCOTT FRANCIS	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. *THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.*

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 15, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Leo Herbert DATE: 3-10-99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED.

RESPONSIBLE ENGINEER: DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 10, 1999

SUBMITTAL NO.: S-7304449.01-043 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" OFF-SITE CALIBRATION FOR NUCLEAR GAUGE
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ~~ECGM - LAWRENCE BLAIR~~	☐ OTHER -
☒ CAM - SCOTT FRANCIS	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 17, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [signature] DATE: 3/17/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

RESPONSIBLE ENGINEER:	DATE:

045

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-045 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-45
(7) Date of Submittal 3-19-99

(1) We may proceed subject to incorporation of any comments noted.
(2) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
(3) Revise and resubmit. Work may not proceed.
(4) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev.	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mend Appl	(14) Or Eq Appl	(15) Info	(16) Submittal Data Description	(17) Document No.	Rev.	(18) Disp Status
A	0	PRD-4002 (3.1.7)	2-01	4		X			PCB SAMPLE ANALYSIS RESULTS			A

(19) Remarks:

(20) Subcontractor Signature [signature] Date 3-19-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
3-19-99	3-22-99	4	AP
3-29-99	3-29-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached Annette Poole 3/29/99
(24) Signature Date

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES&H			CAM Craig		
DC Leo			PBO		
DC			SUB		
CE Judy			Mike J.		

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

Amanda M. Strader 3/31/99
Subcontractor Signature Date

045

Phenix of Idaho, Inc.

March 19, 1999

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-045 R.0
BY: Annette Poole
DATE: 3-29-99

Mr. Paul Bills S.A.
Parsons Infrastructure &
Technology Group, Inc.
P.O. Box 1625 - MS3454
Idaho Falls, ID 83415-2426

Re: Subcontract No. 734449-T270
Vendor Data Item No. 2-01
PCB Sample Analysis Results

Dear Mr. Bills,

This letter is to certify that the following pieces of equipment have had a P.C.B. test performed, and have P.C.B. free results:

1. BL-6 John Deere 772 Road grader
2. RO-4 Rex Roller
3. TK-03 1968 Kenworth Truck
4. TK-04 1969 Kenworth Truck
5. TK-06 1979 Kenworth Truck
6. TK-46 1980 INT'L Dump Truck
7. TK-47 1968 Mack Dump Truck

Enclosed you will find the test reports for the two pieces of equipment and five trucks.

Sincerely,

Lance Peterson
President

P.O. Box 1626 • Idaho Falls, Idaho 83403-1626 • (208) 524-6488 • FAX (208) 524-6610

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

03/08/1999
16:55:36
PHENPC

Laboratory : 711412 Date: 02/26/1999
Description: SAMPLE ID: BL-6 MOBILFLUID 424
EQUIP: JOHN DEER 772

Test Performed	Proc-Rev	Result
PCB content per EPA-600/4-81/045 Method 8082 = <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

03/08/1999
16:55:19
PHENPC

Laboratory : 711411 Date: 02/26/1999
Description: SAMPLE ID: RO-4 MOBILFLUID 424
EQUIP: REX ROLLER

Test Performed	Proc-Rev	Result
PCB content per EPA-600/4-81/045 Method 8082 = <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

03/08/1999
16:57:07
PHENPC

Laboratory : 711416 Date: 02/26/1999
Description: SAMPLE ID: TK-03 MOBILFLUID 424
EQUIP: KENWORTH TRUCK

Test Performed	Proc-Rev	Result
PCB content per EPA-600/4-81/045 Method 8082 = <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

03/08/1999
16:56:21
PHENPC

Laboratory : 711414 Date: 02/26/1999
Description: SAMPLE ID: TK-04 MOBILFLUID 424
EQUIP: KENWORTH TRUCK

Test Performed	Proc-Rev	Result
PCB content per EPA-600/4-81/045 Method 8082 = <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

03/08/1999
16:56:46
PHENPC

Laboratory : 711415 Date: 02/26/1999
Description: SAMPLE ID: TK-06 MOBILFLUID 424
EQUIP: KENWORTH TRUCK

Test Performed	Proc-Rev	Result
PCB content per EPA-600/4-81/045 Method 8082 = <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

Page 1 of 1

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-545-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

03/08/1999
16:55:55
PHENPC

Laboratory : 711413 Date: 02/26/1999
Description: SAMPLE ID: TK-46
EQUIP: DUMP TRUCK INT'L

Test Performed	Proc-Rev	Result
PCB content per EPA-600/4-81/045 Method 8082 = <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

by William R. Herguth

BH:mk

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

Herguth Laboratories, Inc.

Paul Christensen
Phenix of Idaho
3655 Professional Way
Idaho Falls, ID 83402

03/08/1999
16:54:38
PHENPC

Laboratory : 711410 Date: 02/26/1999
Description: SAMPLE ID: TK 47 MOBILFLUID 424
EQUIP: MACK PUMP TRUCK

Test Performed	Proc-Rev	Result
PCB content per EPA-600/4-81/045 Method 8082 = <1 ppm.		

Respectfully Submitted,
Herguth Laboratories, Inc.

BH:mk

by William R. Herguth

Page 1 of 1

101 Corporate Place • Vallejo, CA 94590-6968 • Toll-Free Phone 1-800-645-5227 • Toll-Free Technical Support 1-888-HERGUTH • Fax 1-707-554-0109

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 23, 1999

SUBMITTAL NO.: S-7304449.01-045 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PCB SAMPLE ANALYSIS RESULTS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER - MIKE JORGENSON	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	P		

REVIEWER: DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

SITION: ☒ A ☐ B ☐ C ☐ D | COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER: Craig Reese | DATE: 03/25/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 23, 1999

SUBMITTAL NO.: S-7304449.01-045 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PCB SAMPLE ANALYSIS RESULTS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER - MIKE JORGENSON	☐ OTHER -

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RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 26, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Leo Herbert DATE: 3-24-99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

SITION: ☐ A ☐ B ☐ C ☐ D | COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: | DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 23, 1999

SUBMITTAL NO.: S-7304449.01-045 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PCB SAMPLE ANALYSIS RESULTS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER - MIKE JORGENSON	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

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RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [illegible] DATE: 3/25/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

SITION: ☐ A ☐ B ☐ C ☐ D | COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: | DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 23, 1999

SUBMITTAL NO.: S-7304449.01-045 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PCB SAMPLE ANALYSIS RESULTS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER - MIKE JORGENSON	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 26, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: M.D. [illegible] DATE: 3-24-99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

SITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

046

SEE INSTRUCTIO[illegible] ON REVERSE SIDE

VENDOR DATA TRANSM[illegible] AND DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01- 046 (2) Rev. 0
(3) Project TRA_REMEDIAL_ACTION_OU_2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-46
(7) Date of Submittal MARCH 29, 1999

(A) We may proceed subject to incorporation of any comments noted.
(B) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
( ) Revise and resubmit. Work may not proceed.
(D) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev	(9) Spec. Ref	(10) VDS Item No.	(11) Qty. Encl	(12) Descrip.	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	02200(1.3.4) 02210(1.3.3)	4-02	4		X			FIELD NOTES			A

(19) Remarks:

(20) Subcontractor Signature Shaunda Strader Date 03-29-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
3-29-99	3-29-99	4	AP
4-7-99	4-7-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached Annette Poole 4/7/99
(24) Signature Date

(25) Distribution	CVR	Sats	Distribution	CVR	Sats
ES&H			CAM Craig		
QC Leo			PRO		
DC			SUB		
CE John			Paul B.		

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments

Subcontractor Signature 4-8-99
Date

B-97

046

Mountain River, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS

March 22, 1999

Lance Peterson
Phenix of Idaho
P.O. Box 1626
Idaho Falls, ID 83403

RE: Existing Topographical survey certification letter for TRA OU 2-13 WAG 2.

Dear Mr. Peterson,

This letter is to certify that a survey crew under my responsible charge has surveyed the control provided on the plans for this job. The survey crew has also done a topographical survey of the existing ponds that will receive remediation work in this project. I have concluded that the plans properly reflect the existing conditions as measured on the ground.

I have included a copy of my topographical surveys and a floppy disk with both an ASCII file and AUTOCAD drawing files of these surveys. Please forward these to the proper officials for acceptance. For more copies or any questions involving these surveys please feel free to give myself a call.

Sincerely,

PROFESSIONAL LAND SURVEYOR
REGISTERED
8795
3-22-99
STATE OF IDAHO
ROBERT JON MEIKLE

Robert Jon Meikle, P.L.S.

- [x] A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
- [ ] B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
- [ ] C REVISE AND RESUBMIT WORK MAY NOT PROCEED
- [ ] D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-046 R.O
BY: Annette Poole
DATE: 4-7-99

1020 East Lincoln Road • Idaho Falls, Idaho 83401
Phone: (208) 524-6175
Fax: (208) 524-6181

☒ A. WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS

☐ B. REVISE AND RESUBMIT. WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED

☐ C. REVISE AND RESUBMIT. WORK MAY NOT PROCEED

☐ D. REVIEW NOT REQUIRED. WORK MAY PROCEED

CONTRACT NO. S-7304449.01-046 R.0

BY: Annette Poole

DATE: 4-7-99

5220 1/3

TRA-PHENIX
CONTROL VERIFICATION

3-8-99 M. HUDSON

Cold 35° A. DELAGARZA

2/3

T	∡	Dist	Elev	Bis.
WP 1	00-00-00	526.41	——	P.W. 14
	89-42-51	848.63	4918.20	B.M. 1-3
	120-15-33	731.66	4924.02	B.M. 1-2
	157-00-07	477.51	4922.61	USGS 55
	195.20.36	1077.45	4925.60	USGS 53
	176.37.15	1299.29	4932.00	C.W.P. 9
	143.12.32	1080.52	4919.88	P.W. 11

3/3

SETUP POINT
WP 1 ELEV = 4933.31

	Meas Coord	Red. Coord.
B.M. 1-3	N. 10,627.60 E. 10,983.71	N. 10,627.48 E. 10,983.68
B.M. 1-2	N. 10,730.81 E. 10,814.70	N. 10,730.72 E. 10,814.67
USGS 55	N. 10,105.56 E. 10,381.43	N. 10,105.53 E. 10,381.38
USGS 53	N. 9,452.49 E. 9,987.29	N. 9,452.54 E. 9,987.24
C.W.P. 9	N. 9,241.07 E. 10,378.02	N. 9,241.07 E. 10,377.98
P.W. 11	N. 9,739.85 E. 10,890.97	N. 9,739.86 E. 10,890.96

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CONTRACT NO. S-7304449.01-046 R.0

BY: Annette Poole

DATE 4-7-99

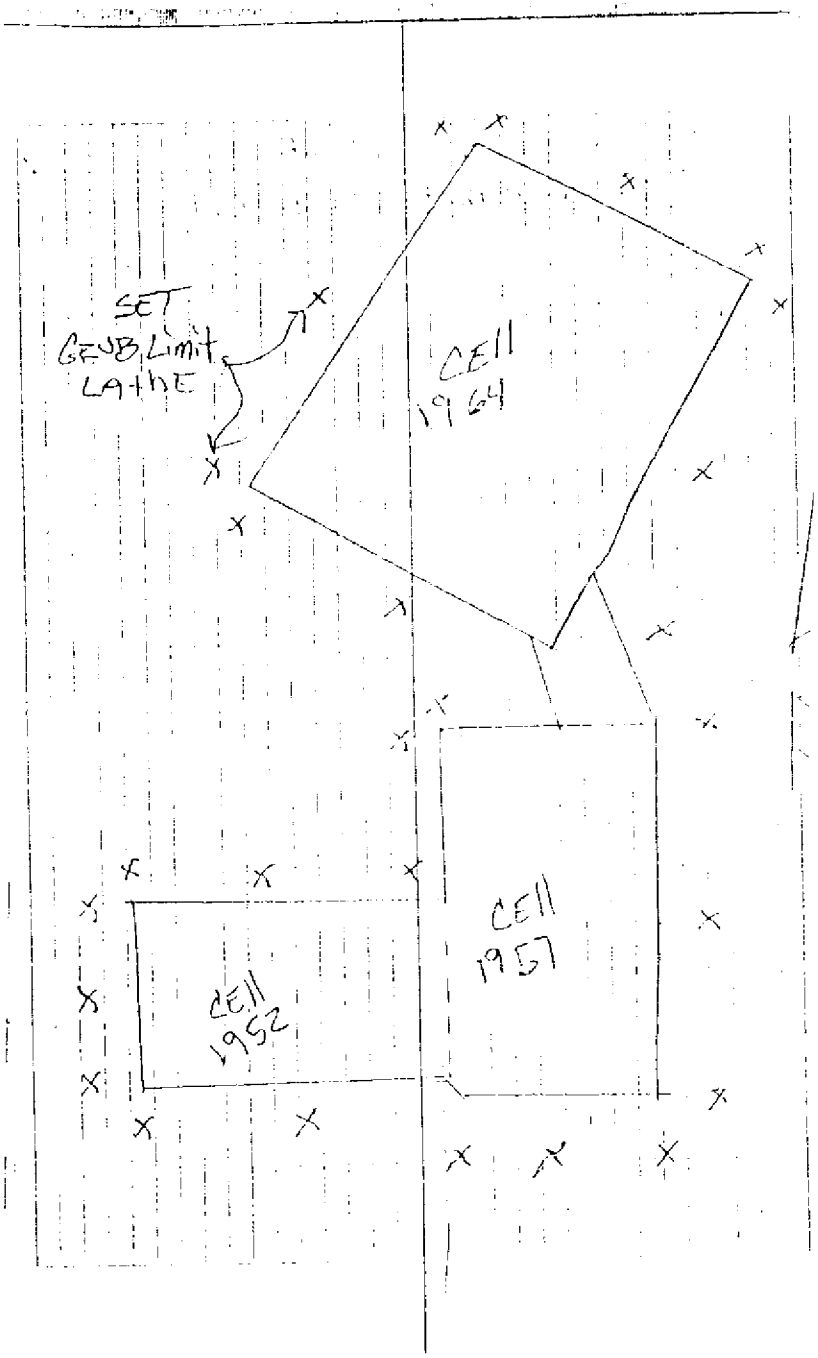
S20

TRA-PHENIX
STAKED GRUB Limits
WWP & SLP

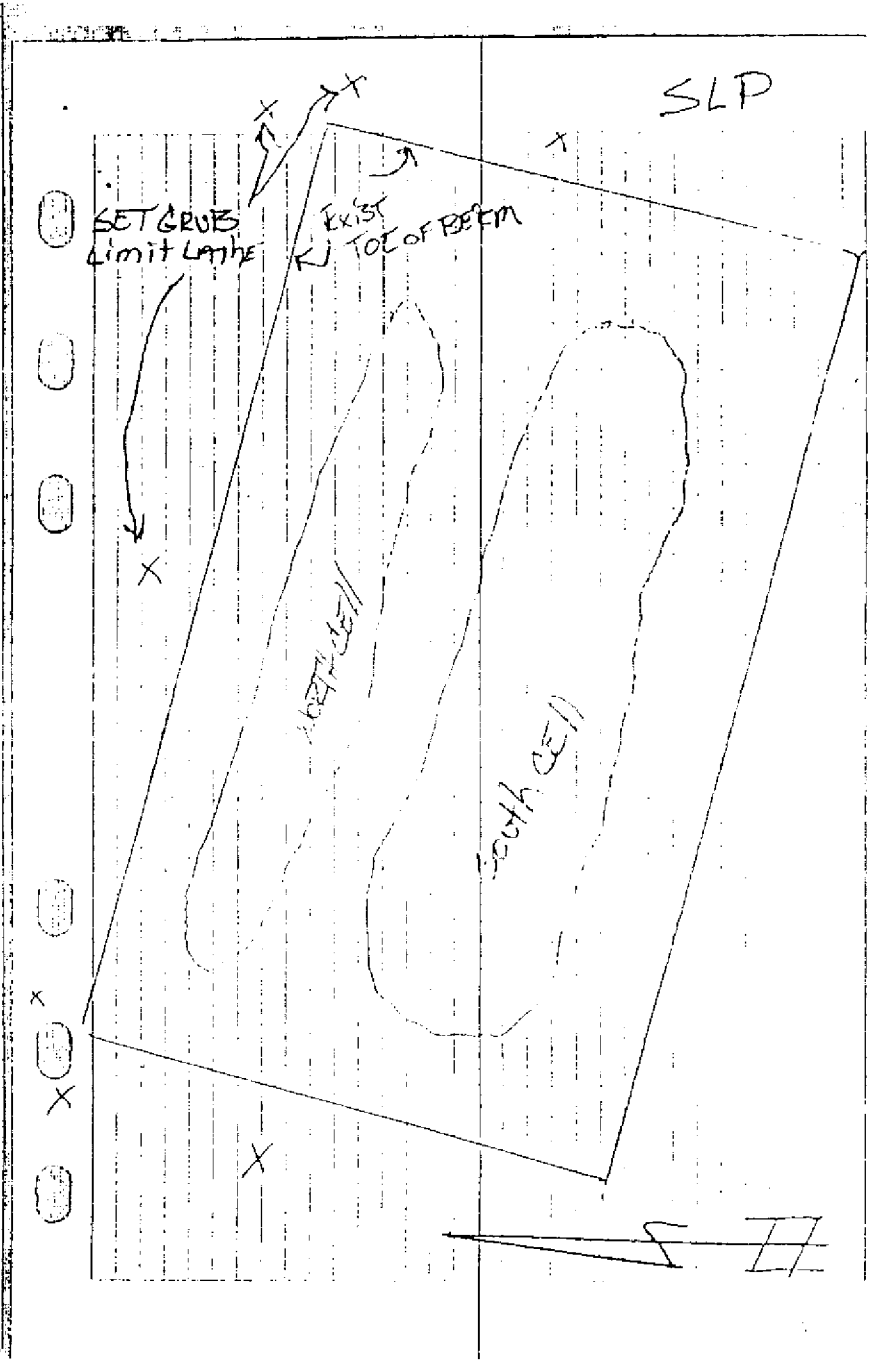
3-11-99
SUNNY 35°

M. Alfson
A. DeLaTorre

SET GRUB Limit LATHE
15' ± FROM RIP-RAP SILOV TOER
ON CELLS 1964, 1952, & 1957



SET GRUB Limit LATHE
10'± FROM TOE OF EXIST BERM



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☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED

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CONTRACT NO. S-7304449.01-046 R.0

BY: Annette Poole

DATE: 4-7-99

5220

TRA - PHENIX

WELLS T211-A72, A74 & A78

EXTENSION E/EV.'S

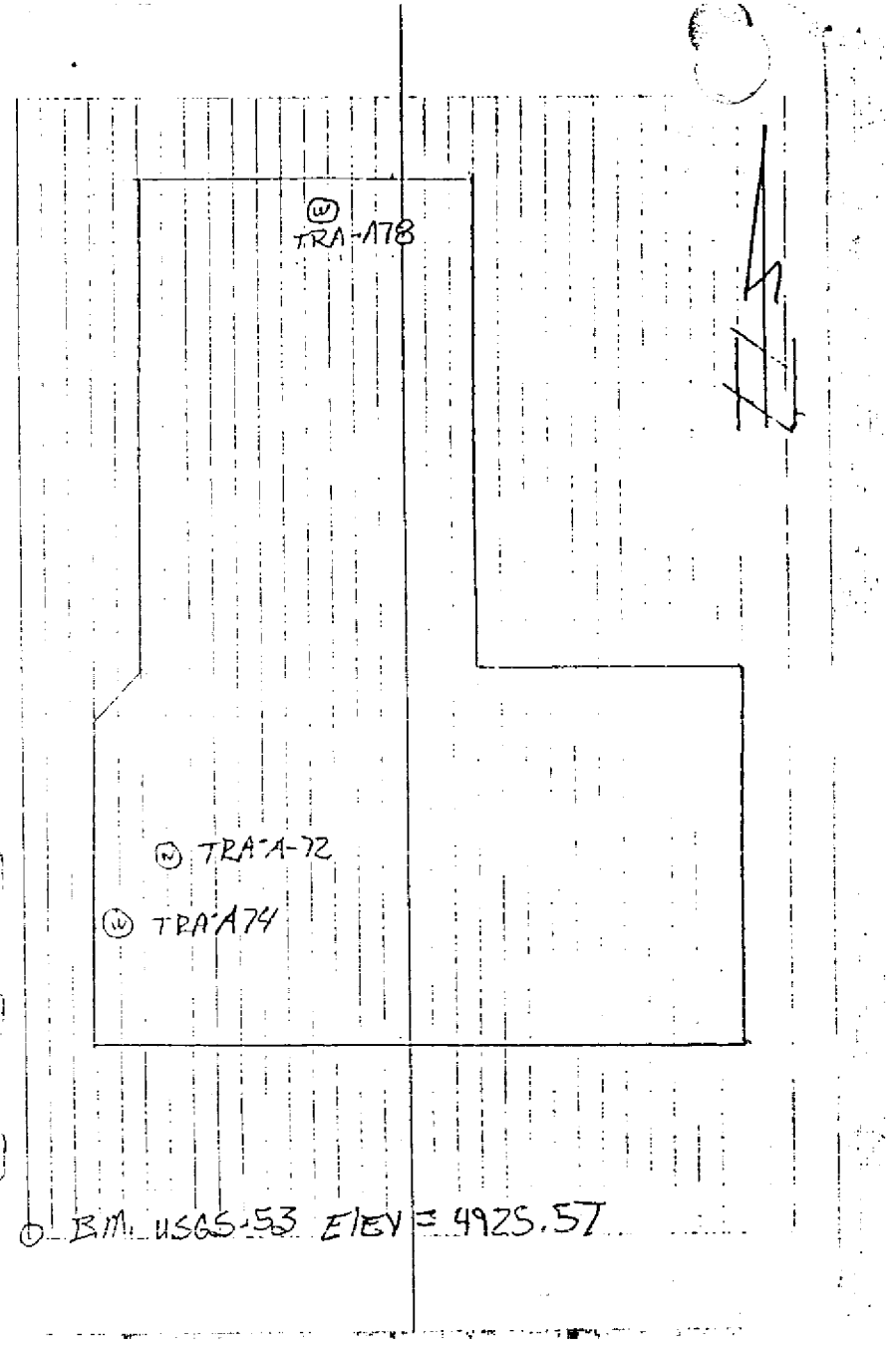
3-11-99

SUNNY 35°

M. HUDSON

A. DELAGARZA

	FIN GRADE	TOP well CAP FIN +3.7'	HUB	C/F
TRA-A78	4925.00	4928.70'	23.60	F5 10
TRA-A72	4926.20	4929.90	24.20	F5 10
TRA-A74	4925.80	4929.50	24.40	F5 10



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☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED

☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED

☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-046 R.D

BY: Annette Poole

DATE: 4-7-99

5220 1/5

RA - PHENIX
Rough GRADE
ON S.L.P.
& C.W.P.

5-8-99
COLD

M. HUDSON
A. DELAGARZA

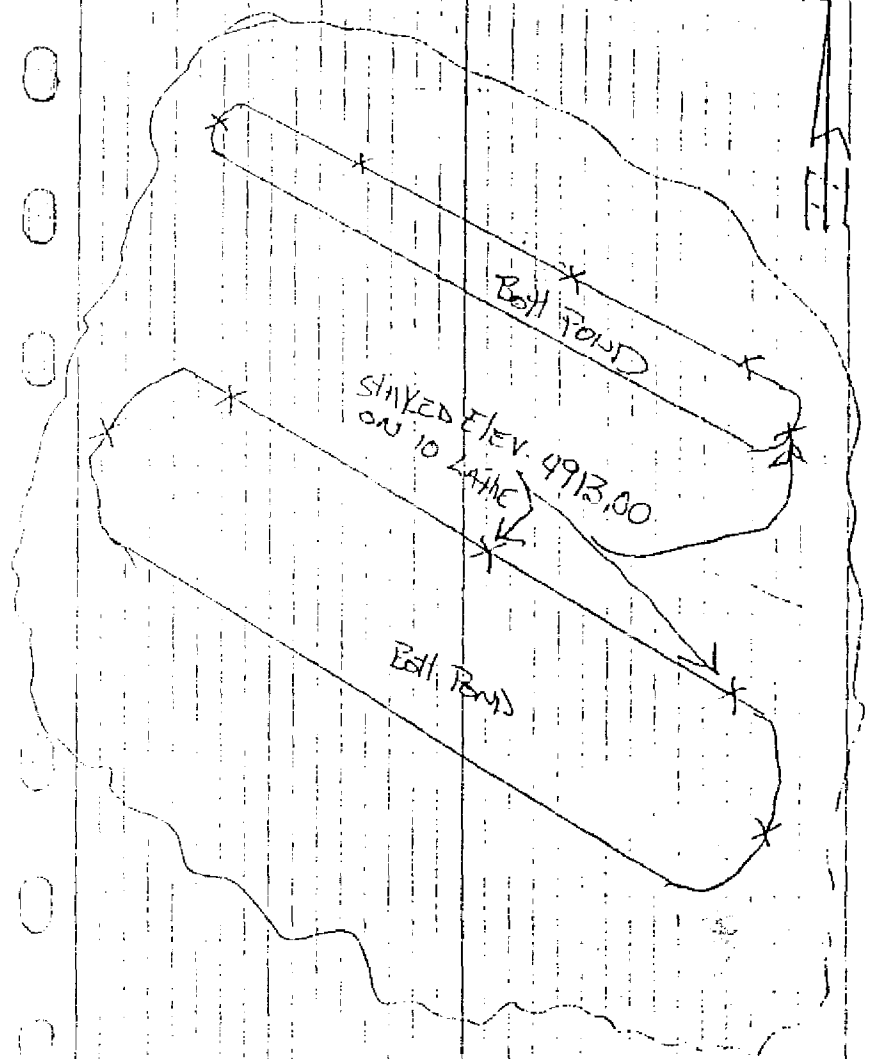
2/5

STAKED ELEV 4913.00 IN
S.L.P. MARKED W/ LATH C

B.M. = WIP 1 ELEV = 4933.31

SLP

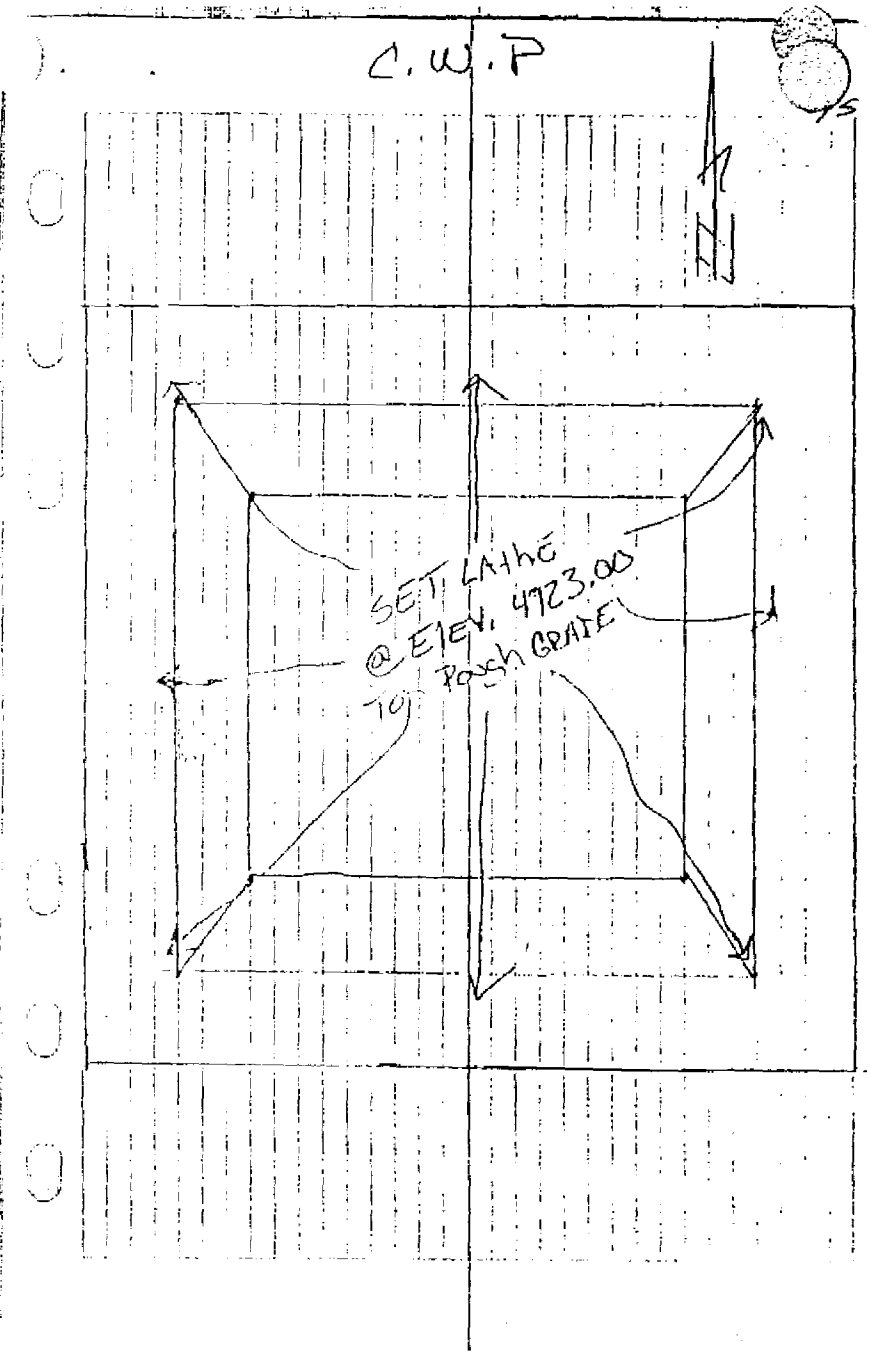
3/5



4/5

SET LATHE @ ELEV 4923.00
Top Rough GRADE

B.M. 1-3 ELEV = 4918.17



5220 1/3

TRA-PHENIX
CONTROL VERIFICATION

3-8-99 M. HUDSON
COLD 35° A. DELAGARZA

T	∡	DIST	ELEV	B.S.
WP 1	00-00-00	526.41	———	P.W.14
	69-42-51	848.63	4918.20	B.M.1-3
	120-15-33	731.66	4924.02	B.M.1-2
	157-00-07	477.51	4922.61	USGS 55
	195.20.36	1077.45	4925.50	USGS 53
	176.37.15	1299.29	4932.00	C WP 9
	143.12.32	1080.52	4919.88	P W 11

SETUP POINT
WP 1 ELEV = 4933.31

	MEAS COORD	REC. COORD.
B.M 1-3	N. 10,627.60	N. 10,627.48
	E. 10,983.71	E. 10,983.68
B.M 1-2	N. 10,230.81	N. 10,230.72
	E. 10,814.70	E. 10,814.67
USGS 55	N. 10,105.56	N. 10,105.53
	E. 10,381.43	E. 10,381.38
USGS 53	N. 9,452.49	N. 9,452.54
	E. 9,987.29	E. 9,987.24
C WP 9	N. 9,241.07	N. 9,241.07
	E. 10,378.02	E. 10,377.98
P.W. 11	N. 9,739.85	N. 9,739.86
	E. 10,890.97	E. 10,890.96

1/2

5220

A. WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS

☐ B. REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED

☐ C. REVISE AND RESUBMIT WORK MAY NOT PROCEED

☐ D. REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. 5-7304449.01-046 R.O

BY: Annette Poole

DATE: 4-7-99

RADIAL LAYOUT
FOR WNP 52, 57 & 64
RIPRAP BOUNDRIES

3-10-99 M. HUDSON
COLD 30° A. DELABARZA

2/2

T	X	DIST	B.S.
C.W.P. 9 (006)	00-00-00		0.565.53 (1005)
	14-46-47	429.36	5
	28-49-10	578.42	6
	30-51-22	583.28	7
	40-45-55	538.65	8
	54-43-48	739.45	9
	59-55-00	502.61	10
	63-33-04	494.22	11
	72-01-32	549.73	12
	70-12-34	277.30	13
	81-37-45	585.42	14
	123-57-50	648.60	15
	144-24-57	411.73	16

Dirt + Gravel Piles
Borrow Source
Control
Points

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D WORK NOT REQUIRED

CONTRACT NO. S-73044449.01-046 R.O
BY Annette Poole
DATE 4-7-99

OVER →

3-10-99

1/1

X Y ELEV. DIST B.S.

P.W 74

1000 WP1 00-00-00 179-59-59 526.42 1001

28-16-07 208-16-10 4932.21 691.32 BM.1-5 1008

28-16-08

1000 00-00-00 179-59-56 526.42 1001

13-40-46 193-40-45 4939.05 1339.36 1009

13-40-48

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS

☐ B [illegible] INDICATED

☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED

☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-046 R.0

BY: Annette Poole

DATE: 4-6-99

5220

TRA-PHENIX
TOPOG
S.L.P., C.W.P., U.W.P.
& BORROW PITS TRA 0426

3-14-99
SUNNY 40°

M. HUDSON
A. DELAGARZA

T 7 DIT B.S.

WE1 00000 /VM

2 BM P.W. 14 EKEY = 9222.09
3 TOE
4 TOP
5 TOP
6 TOE
7 TOP
8 TOP
9 TOE
10 TOP
11 TOP
12 TOE
13 TOP
14 TOP
15 TOE <10ft Boot>
16 TOE
17 TOE
18 TOE <10ft Boot>
19 TOE
20
21
22
23 TOE

24 TOE
25 <TOE 2ft Boot>
26
27
28
29
30
31
32
33 TOE <10ft Boot>
34 TOE <10ft Boot>
35 TOE <10ft Boot>
36 TOE <14ft Boot>
37 TOE <14ft Boot>
38 TOE
39 TOE
40 TOE 10ft Boot
41 TOE 10ft Boot
42 TOE
43 TOE
44 TOE
45 TOE
46 TOE

47	TOP
48	
49	
50	
51	
52	
53	
54	TOP
55	GRADE BREAK
56	TOP
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	TOP
67	
68	
69	
70	

71	TOP
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	TOP
85	TOE
86	TOP
87	
88	
89	TOE
90	G.B
91	G.B
92	TOP
93	TOP
94	TOP

95	Top
96	Top
97	G.B
98	G.B
99	Top
100	Top
101	G.B
102	G.B.
103	Top
104	
105	
106	
107	G.B
108	G.B
109	Top
110	
111	
112	
113	
114	
115	Top
116	G.B
117	Top
118	Top
119	Top
120	
121	
122	
123	
124	Top
125	G.B Top
126	G.B Bottom
127	Top
128	Top
129	Top
130	G.B Top
131	Top
132	G.B. Top
133	Top B.G.
134	Top
135	Top
136	G.B
137	G.B
138	Top
139	Toe 10 ft Boot
140	Toe 10 ft Boot
141	Toe 10 ft Boot

142 TOE 10 Ft Boot
143 TOE
144 G.B.
145 TOE 13 Ft Boot
146 " " "
147 " " "
148 " " "
149 TOE 10 Ft Boot
150 " " " "
151 " " " "
152 " " " "
153 " " " "
154 7 Ft Boot TOE
155 G.B
156 G.B
NEW SET UP
1005
U605-5300-00-90
158 BM CWP-9 ELEV=1932.05
1006
CWP-9
159 Ground
160
161
162
163
164 Ground

165 Ground
166
167
168
169
170
171
172
173
174
175
176
177 Ground
178
179
180
181
182
183
184
185
186
187
188 TOE

189	Toe
190	Ground
191	
192	
193	
194	
195	
196	
197	
198	
199	
200	
201	Ground
202	
203	
204	
205	
206	
207	
208	
209	
210	
211	
212	Ground

213	Ground
214	
215	
216	
217	
218	
219	
220	
221	
222	
223	
224	
225	Ground
226	Toe
227	
228	
229	Toe
230	Top
231	
232	
233	
234	
235	
236	Top

237 TOE
238 TOE
239 TOP
240 TOP
241 TOP
242 TOP
243 TOP
244 TOP
245 TOP
246 TOP
247 TOP
248 TOP
249 TOE
250
251
252
253 GROUND
254 GROUND
255 TOE
256 TOE
257 GROUND
258 GROUND
259 TOE
260 TOE

261 GROUND
262 GROUND
263 GROUND
264 TOE <4 ft Boot>
265 TOE <4 ft Boot>
266 TOE <4 ft Boot>
267 TOE
268 GROUND
269 GROUND
270 GROUND

NEW SET UP

CWP-111
1001

1008 BM 1.5 00-00-00
272 B.M. P.W. 14 ZKEY = 1922.09
273 TOE
274 TOE <10 ft Boot>
275 TOE <10 ft Boot>
276 TOE <10 ft Boot>
277 TOE <10 ft Boot>
278 TOE
279 GROUND
280 TOE
281
282
283 TOE

284	TOE	
285	TOE	2ft Boot
286	TOE	2ft Boot
287	TOE	2ft Boot - No Code ?
288	TOP	
289	TOP	
290	G.B	
291	G.B	
292	TOE	
293	TOP	
294	TOP	
295	TOP	
296	TOP	
297	TOP	
298		
299		
300	TOP	
301		
302		
303		Badshot
304		
305	TOP	
306	TOP	
307	TOP	
308	TOP	
309	TOP	
310	TOP	
311	TOE	
312		
313		
314		
315		
316		
317		
318		
319		
320		
321	TOE	(10ft Boot)
322	TOE	(10ft Boot)
323	TOE	(10ft Boot)
324	TOP	
325		
326		
327		
328		
329		
330		
331	TOP	

332 Top
333
334
335
336
337
338
339
340 Ground
341
342
343
344
345
346 Ground #345
NEW SETUP
1009 00.00.00
348 BM CWP 14 Elev 4922.09
349 TOE 7ft Boot
350 7ft Boot
351 G.B
352 TOE
353 TOE
354 G.B

1001 CWP 14

355 TOE
356 TOE 7ft Boot
357 TOE 10ft Boot
358 Top 10ft Boot
359 TOE 10ft Boot
360 G.B. 10ft Boot

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 29, 1999

SUBMITTAL NO.: S-7304449.01-046 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER - PAUL BILLS	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:	AT:	BY:
Craig Reese	MS/3954 WAC	April 5, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Craig Reese DATE: 04/06/99

APPROVAL AUTHORITY DISPOSITION
TTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMM SPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER: Craig Reese DATE: 04/06/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 29, 1999

SUBMITTAL NO.: S-7304449.01-046 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES
"B"
"C"
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REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER - PAUL BILLS	☐ OTHER -

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RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: ~~March~~ April 5, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: J. L. Landis DATE: 4/1/99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D	COMMENTS: YES ☐ NO ☐ ATTACHED: ☐
RESPONSIBLE ENGINEER:	DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 29, 1999

SUBMITTAL NO.: S-7304449.01-046 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER - PAUL BILLS	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

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RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: [redacted] April 8, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Leo Herbert DATE: 3-31-99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

March 29, 1999

SUBMITTAL NO.: S-7304449.01-046 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
[illegible] - LEO HERBERT	☐ OTHER - PAUL BILLS	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: ~~March~~ April 5, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A -	A		

REVIEWER: Paul J Bills DATE: 3-30-99

APPROVAL AUTHORITY DISPOSITION
[illegible]TAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS [illegible]POSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: _____ DATE:

049

SEE INSTRUCTIO[illegible] ON REVERSE SIDE

VENDOR DATA TRANSI[illegible] AND DISPOSITION

(1) PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
700 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S7304449.01-049 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-50
(7) Date of Submittal 04-02-99

(a) [illegible] may proceed subject to incorporation of any comments noted.
(b) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
( ) Revise and resubmit. Work may not proceed.
(d) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev.	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No.	Rev	(18) Disp Status
A	0	03300 (1.3.1)	4-08	4		X			Concrete Batch Tickets			A

(19) Remarks:

(20) Subcontractor Signature [signature] Date 4-2-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
4-5-99	4-6-99	4	AP
4-26-99	4-26-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached [signature] (24) Signature 4/26/99 Date

(25) Distribution	CVR	Sats	Distribution	CVR	Sats
ES&H			CAM Craig		
QC			PRO		
DC			SUB		
CE Judy					

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments

[signature] Subcontractor Signature 4/30/99 Date

B-129

049

HIGH VALLEY CONCRETE Co.

St. Anthony, Idaho

Driver's Weigh Ticket (208) 390-6499

Ticket # 75721 Date: 03-15-1999

Job Name: PHENIX DIRST.
Owner:
Location: TR.
Descrip: S1
Job # 38
Item # 4816

Aggregate #1: 8,450 Lbs.
Aggregate #2: 8,880 Lbs.
Aggregate #3: 0 Lbs.
Aggregate #4: 0 Lbs
Cement: 2,930 Lbs.
Fly Ash: 0 Lbs

Truck # 3
License # YB8855
Owner: HIGH VALLEY
Driver: BEN GUNN
Time: 10:39
Quantity: 5 Yards

Quantity: 18,930 Pounds
Additive #1: 87 Ozs.
Additive #2: 20 Ozs.
Additive #3: 0 Ozs.
Additive #4: 0 Ozs.
Water: 118 Gal.

Weighmaster _____ Driver _____

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449 1-48
BY: Annette Pable
DATE: 4-21-99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 6, 1999

SUBMITTAL NO.: S-7304449.01-049 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CONCRETE BATCH TICKETS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H - [redacted]	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA -	☐ OTHER - [redacted]	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

MENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE DENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 20, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			
REVIEWER:			DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

ITION: ☒ A ☐ B ☐ C ☐ D	COMMENTS: YES ☐ NO ☒ ATTACHED: ☐
RESPONSIBLE ENGINEER:	DATE: 04/23/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 6, 1999

SUBMITTAL NO.: S-7304449.01-049 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CONCRETE BATCH TICKETS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H - [redacted]	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA -	☐ OTHER - [redacted]	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

[illegible]MENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE [illegible]DENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 20, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [illegible] DATE: 4/6/99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

[illegible]SITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

050

SEE INSTRUCTION ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

To: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-050 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-48
(7) Date of Submittal 03-30-99

( ) Work may proceed subject to incorporation of any comments noted.
(X) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
( ) Revise and resubmit. Work may not proceed.
( ) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	3300(1.3.3)	4-02	4		X			TEST RECORDS			A

(19) Remarks:

(20) Subcontractor Signature Amanda Strader Date 03-30-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
4-7-99	4-8-99	4	AR
4-26-99	4-26-99	1	AR

(22) Comments:

(23) [ ] Additional Comments Attached Annette Poole 4/26/99
(24) Signature Date

(25) Distribution	CVR	Sate	Distribution	CVR	Sate
ES&H			CAM Craig		
QC Leo			PRO		
DC			SUB		
CE Joby					

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

Amanda M. Strader 4/30/99
Subcontractor Signature Date

B-133

050

MATERIALS TESTING & INSPECTION

ASTM C94 CONCRETE CYLINDER COMPRESSIVE STRENGTH

C:\99 JOBS\E99005C\CONCRETE\C4884-89.DOC

☐ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspection

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA

Contractor: Phenix Construction **Inspector: Mike Keeton**
Supplier: High Valley Concrete **Truck #: 3** **Ticket #: 25721**
Mix ID: 4916 **# Of Yards: 5**
LOCATION: Man Hole

MIX PROPORTIONS:		TEST PROPERTIES & CONDITIONS:	
Cement :		Weather:	Sunny
Fly Ash:		Ambient Temperature:	50°F
Water:		Concrete Temp. (ASTM C 1064):	56°F
Coarse Agg. #1:		Time Batched:	1:30 pm
Coarse Agg. #2:		Time Placed:	1:45 pm
Fine Agg. #1:		% Air Content (ASTM C 231 or C-173):	5.4%
Fine Agg. #2:		Slump (inches) (ASTM C 143) :	4.0"
Admix #1:		Unit Weight (ASTM C 138):	
Admix #2:		Yield (ASTM C 138):	
Admix #3:		Water Added (gals):	
Water/Cement Ratio:			

Cast Date: Mar 16, 99 Specified f'c (psi): 3000
# of Cylinders: 6

ID	Cylinder Diam.	Height	Corr. Factor	Cylinder Area	Test Age	Test Date	Failure Load	Compressive Strength	C-617 Cap	Fracture Type	
4884	6	12	1.00	28.27	7	Mar 23, 99	99,790	3530		Columnar	
4885	6	12	1.00	28.27	7	Mar 23, 99	107,630	3810		Columnar	PASS
4886	6	12	1.00	28.27	14	Mar 30, 99					
4887	6	12	1.00	28.27	28	Apr 13, 99					
4888	6	12	1.00	28.27	28	Apr 13, 99					
4889	6	12	1.00	28.27	Hold	Hold					

ASTM C-617 is a sulfur cap -- neoprene pads used unless otherwise noted.

Remarks: Hot water mix, concrete was mixed on site. Inspector verified the trucks revolution meter prior to mixing.

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED
CONTRACT NO. S-730-4449
BY: Lowell Trujillo
DATE: 4-26-99

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Eastern Idaho Construction Services Manager
Signed / stamped original document sent to Client and appropriate agency
Lance Peterson
/klp

1230 N. Skyline Drive, Ste. C, Idaho Falls, ID 83402 208 529-8242 Fax 208 529-6911
E-Mail eimti@srv.net www.cyberhighway.net/~mti

MATERIALS TESTING & INSPECTION

C:\99 JOBS\E99005C\DAILY\002.DOC

☐ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA

INSPECTION REPORT

On the below date, our representative performed work on the referenced project as reported below.

March 17, 1999
Inspector: Mike Keeton
Inspector arrived on site to pick up concrete cylinders cast March 16, 1999. Samples were returned to MTI Lab for testing.

If you have any questions concerning this report, please call us at **(208) 529-8242.**

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Eastern Idaho Construction Services Manager
Signed / stamped original document sent to Client and appropriate agency.
cc: Lance Peterson
LT/klp

1230 N. Skyline Drive, Ste. C, Idaho Falls, ID 83402 208 529-8242 Fax 208 529-6911
E-Mail mti@cyberhighway.net www.cyberhighway.net/~mti

MATERIALS TESTING & INSPECTION

Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA

INSPECTION REPORT

On the below date, our representative performed work on the referenced project as reported below.

March 16, 1999
Inspector: Mike Keeton
Inspector arrived at job site to sample and test approximately 5 yards of concrete. The concrete is being used to cover an abandoned manhole. The concrete was tested for slump, air, and temperature on site. All on site tests were to specifications. Inspector cast one set of six cylinders for compression testing. Cylinders will be picked up and transferred to MTI Lab March 17, 1999.

March 16, 1999
Inspector: Mike Keeton
Concrete: No reinforcing steel was placed. Observed placement of 5 cubic yards of concrete at the abandoned manhole at TRA waste ponds. Inspector monitored one load arriving at job site for correct mix and proper slump. Performed one air entrainment test, one slump test, and cast one set of six cylinders representing concrete mix at above location.

If you have any questions concerning this report, please call us at **(208) 529-8242.**

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Eastern Idaho Construction Services Manager
Signed / stamped original document sent to Client and appropriate agency.
cc: Lance Peterson
klp

1230 N. Skyline Drive, Ste. C, Idaho Falls, ID 83402 208 529-8242 Fax 208 529-6911
E-Mail mti@cyberhighway.net www.cyberhighway.net/~mti

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 8, 1999

SUBMITTAL NO.: S-7304449.01-050 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 15, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER: DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER: Craig Reese DATE: 04/23/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 8, 1999

SUBMITTAL NO.: S-7304449.01-050 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 9, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Leo Herbert DATE: 4-8-99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED. ☐

RESPONSIBLE ENGINEER: DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 8, 1999

SUBMITTAL NO.: S-7304449.01-050 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 15, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [signature] DATE: 4/12/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

RESPONSIBLE ENGINEER:	DATE:

051

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

(1) PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-051 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-49
(7) Date of Submittal 03-30-99

( ) This may proceed subject to incorporation of any comments noted.
( ) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
( ) Revise and resubmit. Work may not proceed.
( ) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl	(12) Desc.	(13) Mand Appl	(14) Or Eq Appl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	02210(1.4	1) 3-05	4		X			CALIBRATION RECORDS			A

(19) Remarks:

(20) Subcontractor Signature Amanda Strader Date 03-30-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
4-7-99	4-8-99	4	AP
4-26-	4-26-99	1	AP

(22) Comments:

(23) ( ) Additional Comments Attached Annette Poole 4/26/99
(24) Signature Date

(25) Distribution	CVR	Sats	Distribution	CVR	Sats
ES&H			CAM Craig		
DC Leo			PRO		
DC			SUB		
CF Jody					

(26) I acknowledge receipt of the data indicated and agree ____ disagree ____ to incorporate any comments.

Amanda M. Strader 4/30/99
Subcontractor Signature Date

B-141

051

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

(1) PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
2001 S. WOODBURN AVE. P.O. BOX 1625
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-051 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-49
(7) Date of Submittal 03-30-99

(1) Review and resubmit. Work may proceed subject to incorporation of comments noted.
(2) Review and resubmit. Work may not proceed.
(3) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(9) Rev	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl	(12) Resub.	(13) Mgmt Apvl	(14) Dr Eng Apvl	(15) Info	(16) Submittal Data Description	(17) Document No.	Rev	(18) Disp Status
A	0	02210(1.4.1)	3-05	4		X			CALIBRATION RECORDS			A

Remarks:

(20) Subcontractor Signature Alexandra Strader Date 03-30-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
4-7-99	4-8-99	4	AP
4-26-	4-26-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached Annette Pate 4/26/99
(24) Signature Date

(25) Distribution	CVR	Sats	Distribution	CVR	Sats
ES&H			CAM Craig		
DC Leo			ERO		
DC			SUB		
CE Jody					

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments

Subcontractor Signature Date

B-143

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY
CALIBRATION INPUT DATA

Thursday, March 11, 1999

NAME MIKE SPARKS	BADGE: 20633	CUSTOMER PH: 526-3433	AREA: INTEC	BLDG: 698	RM 120

ID Number 715947

Mfr: FORNEY Model: CONCRETE Noun Name SLUMP CONE

Calibration Date 3/11/99

Next Cal Due Date 3/11/01

Charge Level: 2

Repair Hours 0

Material Amount 0

Charge Number 3XAC13105

Cal Work Inst. ID 3534A

Outside Vendor

ACTION CODE	AS FOUND
1 ○ Acceptance Test	1 ◉ Operative-In Tolerance
2 ○ Special Test	2 ○ Operative-Out of Tolerance >1x <2x
3 ◉ Calibration to MFG Specs.	3 ○ Operative-Out of Tolerance >2x <3x
4 ○ Clean	4 ○ Operative-Out of Tolerance >3x <5x
5 ○ Limited Calibration	5 ○ Operative-Out of Tolerance >5x
6 ○ Fuctional Test	6 ○ Operative-Out of Tolerance Undetermined
7 ○ Performance Test	7 ○ Inoperative
8 ○ Modify	8 ○ Damaged
9 ○ Repair	9 ○ Not Used
10 ○ Other	10 ○ Not Determined

Calibrated By Kathy Bollinger S# 56387 Phone 526-2469

CALIBRATION STANDARDS USED

703405	705471	703232	702042				

STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY DERIVED FROM ACCEPTED VALUES FOR NATURAL PHYSICAL CONSTANTS, OR DERIVED FROM THE RATIO TYPE OF SELF CALIBRATION TECHNIQUES

LABORATORY TEMPERATURE AND HUMIDITY

Physical-	STD.. 20.0°	+/-0.3° C	(40-55% RH)
Dimensional	STD.. 20.0°	+/-0.25° C	(30-45% RH)
	CAL.. 20.0°	+/-1.0° C	(20-50% RH)
Electronic-	STD. 23.0°	+/-0.5° C	(30-45% RH)
	CAL. 23.0°	+/-2.0° C	(20-50% RH)

OUT OF TOLERANCE CONDITIONS FOUND DURING CALIBRATION

Nominal (STD)	Units	As Found (UUT)	MFG. Accuracy

COMMENTS:

Phenix / 3XAC13105 / R Bills / 3-11-99

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7301449.01-
BY: [illegible]
DATE: 4-26-99

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY
CALIBRATION INPUT DATA

Friday, March 05, 1999

CUSTOMER					
NAME MIKE SPARKS	BADGE: 20833	PH: 526-3433	AREA: INTEC	BLDG: 698	RM 120

ID Number 715949

Mfr: NA

Model: 25-125 DEG F

Noun Name THERMOMETER

Calibration Date 3/5/99

Next Cal Due Date **3/5/00**

Charge Level: 2

Repair Hours 0

Material Amount 0

Charge Number 3XAC13105

Cal Work Inst. ID 3052J

Outside Vendor

ACTION CODE	AS FOUND
1 ○ Acceptance Test	1 ◉ Operative-In Tolerance
2 ○ Special Test	2 ○ Operative-Out of Tolerance >1x <2x
3 ◉ Calibration to MFG Specs.	3 ○ Operative-Out of Tolerance >2x <3x
4 ○ Clean	4 ○ Operative-Out of Tolerance >3x <5x
5 ○ Limited Calibration	5 ○ Operative-Out of Tolerance >5x
6 ○ Fuctional Test	6 ○ Operative-Out of Tolerance Undetermined
7 ○ Performance Test	7 ○ Inoperative
8 ○ Modify	8 ○ Damaged
9 ○ Repair	9 ○ Not Used
10 ○ Other	10 ○ Not Determined

Calibrated By Scott Moran S# 69039 Phone 526-2469

CALIBRATION STANDARDS USED

708562	714562	715356					

STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY DERIVED FROM ACCEPTED VALUES FOR NATURAL PHYSICAL CONSTANTS, OR DERIVED FROM THE RATIO TYPE OF SELF CALIBRATION TECHNIQUES

LABORATORY TEMPERATURE AND HUMIDITY

Physical-	STD.. 20.0°	+/-0.3° C	(40-55% RH)
Dimensional	STD.. 20.0°	+/-0.25° C	(30-45% RH)
	CAL.. 20.0°	+/-1.0° C	(20-50% RH)
Electronic-	STD. 23.0°	+/-0.5° C	(30-45% RH)
	CAL. 23.0°	+/-2.0° C	(20-50% RH)

OUT OF TOLERANCE CONDITIONS FOUND DURING CALIBRATION

Nominal (STD)	Units	As Found (UUT)	MFG. Accuracy

COMMENTS:

Phenix / 3XAC13105 / P. Bills / 3-8-99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 8, 1999

SUBMITTAL NO.: S-7304449.01-051 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CALIBRATION RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH , 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			
REVIEWER:			DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D | COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER: [signature] | DATE: 04/23/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 8, 1999

SUBMITTAL NO.: S-7304449.01-051 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CALIBRATION RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 9, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Leo Herbert DATE: 4-8-99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D	COMMENTS: YES ☐ NO ☐ ATTACHED: ☐
RESPONSIBLE ENGINEER:	DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 8, 1999

SUBMITTAL NO.: S-7304449.01-051 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CALIBRATION RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: MARCH 15, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: J. A. Landis DATE: 4/12/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

052

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

(1) PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-052 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-63
(7) Date of Submittal 04-16-99

(1) Work may proceed subject to incorporation of any comments noted.
(2) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
(3) Revise and resubmit. Work may not proceed.
(4) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mand Apvl	(14) Or Ea Apvl	(15) Info	(16) Submittal Data Description	(17) Document No.	Rev	(18) Disp Status
A	0	02210(1.4	1) 3-05	4		X			CALIBRATION RECORDS			A

(19) Remarks:

(20) Subcontractor Signature Amanda M Strader Date 04-16-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
4-16-99	4-20-99	4	AP
4-27-99	4-28-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached Annette Poole (24) Signature 4/28/99 Date

(25) Distribution	CVR	Sate	Distribution	CVR	Sate
ES&H			CAM Craig		
QC Leo			PRO		
DC			SUB		
CE Jody					

(26) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate my comments.

Amanda M Strader Subcontractor Signature 5/4/99 Date

B-155

052

MS 9208 M1-2837

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY
CALIBRATION INPUT DATA

Wednesday, March 17, 1999

NAME MIKE SPARKS	BADGE: 20833	CUSTOMER PH: 526-3433	AREA: INTEC	BLDG: 698	RM 120

ID Number 715946
Mfr: FORNEY Model: 1.8 GAL Noun Name BUCKET
Calibration Date 3/17/99
Next Cal Due Date 3/17/00
Charge Level: 4
Repair Hours 0
Material Amount 0
Charge Number 3XAC13105
Cal Work Inst. ID 3212A
Outside Vendor

ACTION CODE	AS FOUND
1 ○ Acceptance Test	1 ◉ Operative-In Tolerance
2 ○ Special Test	2 ○ Operative-Out of Tolerance >1x <2x
3 ◉ Calibration to MFG Specs.	3 ○ Operative-Out of Tolerance >2x <3x
4 ○ Clean	4 ○ Operative-Out of Tolerance >3x <5x
5 ○ Limited Calibration	5 ○ Operative-Out of Tolerance >5x
6 ○ Fuctional Test	6 ○ Operative-Out of Tolerance Undetermined
7 ○ Performance Test	7 ○ Inoperative
8 ○ Modify	8 ○ Damaged
9 ○ Repair	9 ○ Not Used
10 ○ Other	10 ○ Not Determined

Calibrated By Shane Warner S# 43896 Phone 526-2469

CALIBRATION STANDARDS USED

702134	715078	701965	703405	707478			

STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY DERIVED FROM ACCEPTED VALUES FOR NATURAL PHYSICAL CONSTANTS, OR DERIVED FROM THE RATIO TYPE OF SELF CALIBRATION TECHNIQUES

LABORATORY TEMPERATURE AND HUMIDITY

Physical-	STD.. 20.0°	+/-0.3° C	(40-55% RH)
Dimensional	STD.. 20.0°	+/-0.25° C	(30-45% RH)
	CAL.. 20.0°	+/-1.0° C	(20-50% RH)
Electronic-	STD. 23.0°	+/-0.5° C	(30-45% RH)
	CAL. 23.0°	+/-2.0° C	(20-50% RH)

OUT OF TOLERANCE CONDITIONS FOUND DURING CALIBRATION

Nominal (STD)	Units	As Found (UUT)	MFG. Accuracy

COMMENTS:

MEASURED VOLUME IS 432.05 CU IN
.2498 CU FT
1.87 GAL
7.08025 LITERS

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-052
BY: Annette Rode R.O
DATE: 4-28-99

Phenix / 3XAC13105 / P. Bills / 3-17-99

Billy Tenny 3-22-99

EG&G Idaho, Inc.
STANDARDS & CALIBRATION LABORATORY
CALIBRATION DATA SHEET

DATE: 03/17/1999

MANUFACTURER: FORNEY PROPERTY# 715946

DESIGNATED VOLUME: 1.8GAL DUE DATE: 03/17/2000

VOLUME OF GLASSWARE

VOLUME #	RUN #	VOLUME EACH WEIGHING	AVERAGE VOLUME
1	1	7080.25779634	7080.25779634 mL

TECHNICIAN: WARNER CALIBRATED FOR: M SPARKS

TECH SIGNATURE: Warner CAL HRS 3

REMARKS:

PROCEDURE #3212A

measured Volume 432.05 cu in
.2498 cu ft
1.87 gal

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY
CALIBRATION INPUT DATA

Wednesday, March 17, 1999

NAME MIKE SPARKS	BADGE: 20833	CUSTOMER PH: 526-3433	AREA: INTEC	BLDG: 698	RM 12

ID Number 715948

Mfr: FORNEY Model: 0-100% AIR Noun Name PRESSURE GAUGE

Calibration Date 3/17/99

Next Cal Due Date 3/17/00

Charge Level: 1

Repair Hours 0

Material Amount 0

Charge Number 3XAC13105

Cal Work Inst. ID 3037G

Outside Vendor

ACTION CODE	AS FOUND
1 ○ Acceptance Test	1 ◉ Operative-In Tolerance
2 ○ Special Test	2 ○ Operative-Out of Tolerance >1x <2x
3 ◉ Calibration to MFG Specs.	3 ○ Operative-Out of Tolerance >2x <3x
4 ○ Clean	4 ○ Operative-Out of Tolerance >3x <5x
5 ○ Limited Calibration	5 ○ Operative-Out of Tolerance >5x
6 ○ Fuctional Test	6 ○ Operative-Out of Tolerance Undetermined
7 ○ Performance Test	7 ○ Inoperative
8 ○ Modify	8 ○ Damaged
9 ○ Repair	9 ○ Not Used
10 ○ Other	10 ○ Not Determined

Calibrated By Ken Anderson S# 36869 Phone 526-2469

CALIBRATION STANDARDS USED

713418							

STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY DERIVED FROM ACCEP VALUES FOR NATURAL PHYSICAL CONSTANTS, OR DERIVED FROM THE RATIO TYPE OF SELF CALIBRATION TECHNIQUES

LABORATORY TEMPERATURE AND HUMIDITY

Physical-	STD.. 20.0°	+/-0.3° C	(40-55% RH)
Dimensional	STD.. 20.0°	+/-0.25° C	(30-45% RH)
	CAL.. 20.0°	+/-1.0° C	(20-50% RH)
Electronic-	STD. 23.0°	+/-0.5° C	(30-45% RH)
	CAL. 23.0°	+/-2.0° C	(20-50% RH)

OUT OF TOLERANCE CONDITIONS FOUND DURING CALIBRATION

Nominal (STD)	Units	As Found (UUT)	MFG. Accuracy

COMMENTS:

tenix / 3XAC13105 / A. Bills / 3-17-99

Billy Tang 3-22-99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 20, 1999

SUBMITTAL NO.: S-7304449.01-052 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CALIBRATION RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: [redacted] April 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER: DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

POSITION: ☒ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER: [signature] DATE: 04/27/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 20, 1999

SUBMITTAL NO.: S-7304449.01-052 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CALIBRATION RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: [redacted] April 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Leo Herbert DATE: 4-27-99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 20, 1999

SUBMITTAL NO.: S-7304449.01-052 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CALIBRATION RECORDS
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
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RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: [redacted] April 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [signature] DATE: 4/21/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

OSITION: ☐ A ☐ B ☐ C ☐ D	COMMENTS: YES ☐ NO ☐ ATTACHED: ☐
RESPONSIBLE ENGINEER:	DATE:

068

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

(1) To: PARSONS ENGINEERING SCIENCE, INC.
Dist Stop 135 3954
ATTN: Document Control
2000 S. VANDENBURG AVE. P.O. BOX 1625
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-063 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-52
(7) Date of Submittal 04-08-99

[ ] Work may proceed subject to incorporation of any comments noted.
[X] Review and resubmit. Work may proceed subject to incorporation of comments noted.
[ ] Review and resubmit. Work may not proceed.
[ ] Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(8) Rev	(9) Spec. Ref	(10) VDS Item No.	(11) Qty. Incl	(12) Needs	(13) Mand Appl	(14) Dr Ex Appl	(15) Info	(16) Submittal Data Description	(17) Document No.	Rev	(18) Disp Status
A	0	0200(1.3.4) 02210(1.3.3)	4-02	4		X			FIELD NOTES SEWAGE LEACH POND ELEV. 4913 - ROUGH GRADE			A

(19) Remarks:

(20) Subcontractor Signature Amanda M. Strader Date 4/8/99

(21) Date Received	Date Forwarded	Qty Incl	Signature
4-19-99	4-20-99	8	AP
4-28-99	4-28-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached Annette Poole 4/28/99
(24) Signature Date

(25) Distribution	CVII	Date	Distribution	CVII	Date
ES&H			CAM Craig		
DC			CRO		
DC			SUB		
CE Jeffy					

(26) I acknowledge receipt of the data indicated and agree ____ disagree ____ to incorporate any comments.

Amanda M. Strader 5/4/99
Subcontractor Signature Date

B-61

063

A. WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS

☐ B. REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED

☐ C. REVISE AND RESUBMIT WORK MAY NOT PROCEED

☐ D. REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. 3-7304449.01-063

BY: Annette Poole

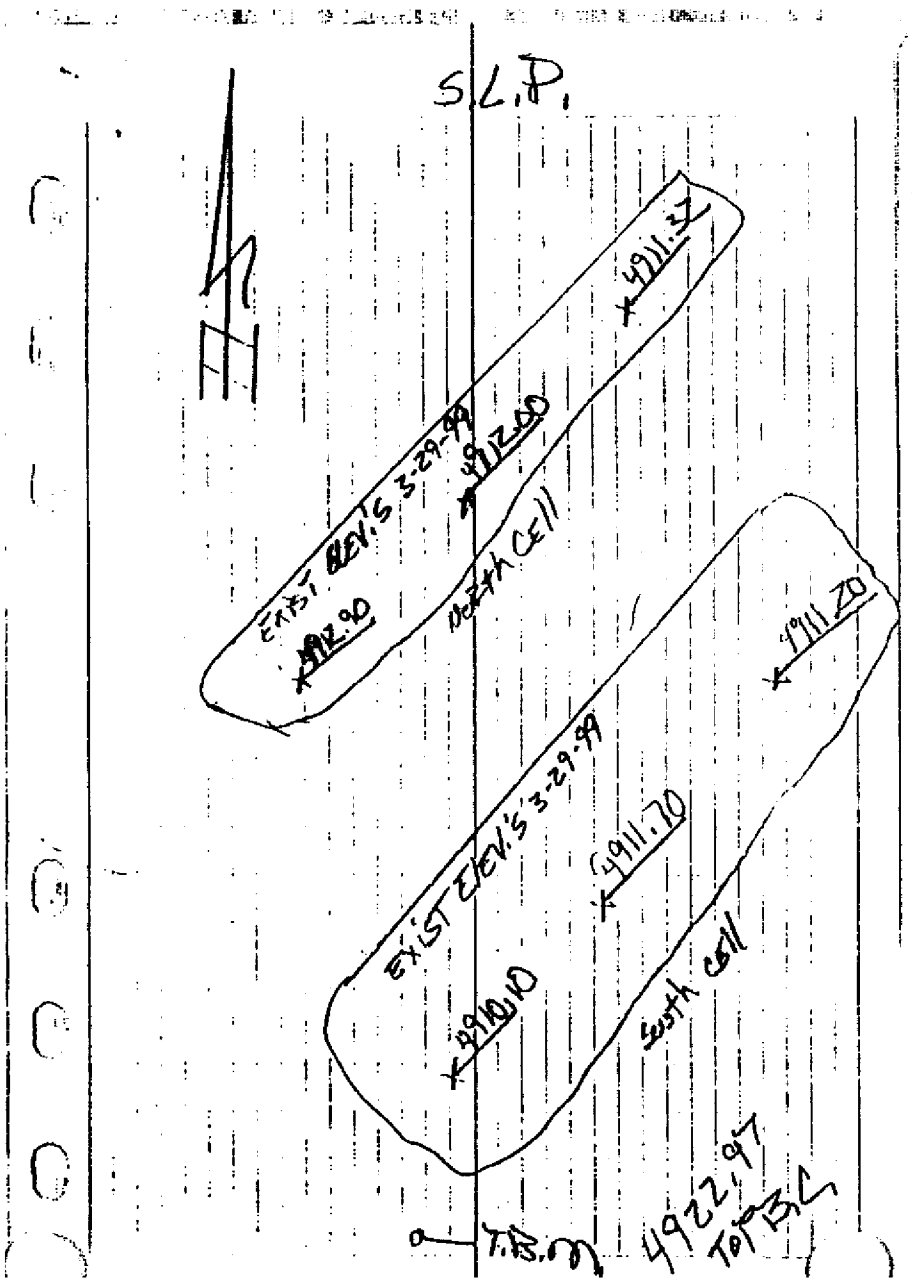
DATE: 4-28-99

5220

R.O

T.R.A. PHENIX
S.L.P. CHECK ELEV 4913

3-29-99 M. HUDSON
SUNNY 40° A. DELAGARZA



B.M. W.P.1 ELEV = 4933.31

☑ A MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS

☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED

☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED

☐ D REVIEW NOT REQUIRED WORK MAY PROCEED

CONTRACT NO. S-7304449.01-063 R.0

BY: Annette Poole

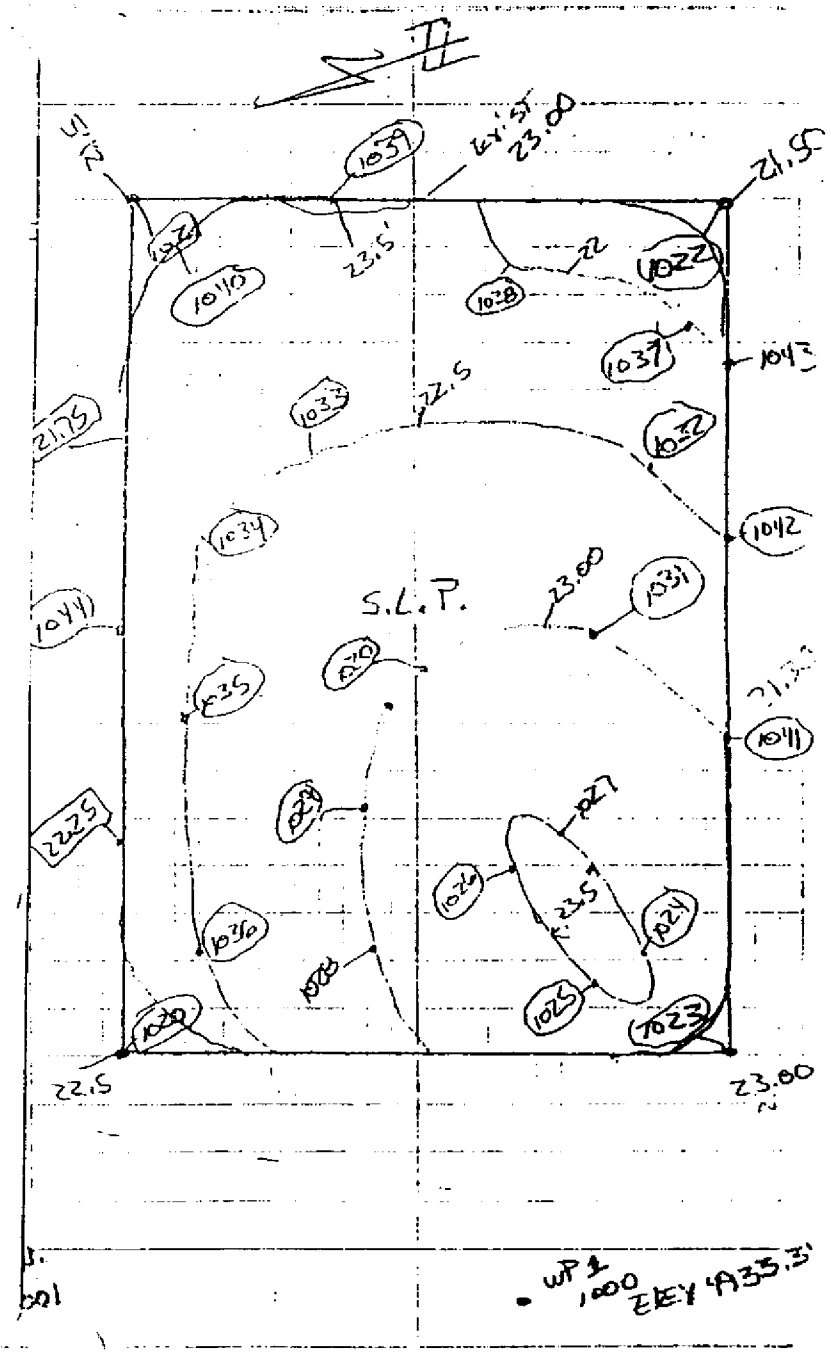
DATE: 4-28-99

5220

T.R.A. PHENIX
Rough GRADE
S.L.P.

4-6-99
SNOW 40°

M. HUDSON
A. DELAGARZA



↑	∡	DIST	ELEV	B.S.
—	100.21.06	254.77	23.50	1036
	134.46.13	465.04	22.00	1037
—	125.08.32	472.43	22.00	1038
—	120.29.31	495.42	23.50	1039
—	115.51.16	465.44	22.00	1040
—	149.23.22	259.82	23.00	1041
—	137.39.01	348.66	22.50	1042
—	136.01.33	437.98	22.00	1043
—	67.21.39	371.37	22.00	1044

↑	∡	EXIST GRAD ELEV.	DIST	B.S.
1000	00.00.00			1001
	91.53.40	22.6	234.87	1020
	114.16.36	20.9	520.15	1021
	138.14.39	20.20	499.71	1022
	144.39.22	22.70	186.63	1023

ESTABLISH CONTOUR LOCATIONS USING SCALE & DEDUCTOR FROM SHEET C-07

Rough GRADE ELEV.'S & RADIALS

↑	∡	DIST	ELEV	B.S.
1000	00.00.00			1001
—	134.40.14	210.58	23.50	1024
—	129.54.44	199.06	23.50	1025
—	123.58.31	243.09	23.50	1026
—	128.12.46	251.86	23.50	1027
—	111.39.46	240.69	23.00	1028
—	115.57.29	287.71	23.00	1029
—	121.21.51	329.00	23.00	1030
—	130.00.10	328.20	23.00	1031
—	132.04.14	395.30	22.50	1032
—	122.38.55	410.97	22.50	1033
—	115.06.55	380.78	22.50	1034
—	108.55.25	321.57	22.50	1035

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 20, 1999

SUBMITTAL NO.: S-7304449.01-063 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES / SEWAGE LEACH POND ELEF 4913 - ROUGH GRADE EXPERIENCE
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H - [redacted]	☐ OTHER -
AM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
QA -	☐ OTHER - [redacted]	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: APRIL 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER: DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

DISPOSITION: ☑ A ☒ B ☐ C ☐ D | COMMENTS: YES ☒ NO ☑ ATTACHED: ☒

CLR CLR CLR

04/28/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

April 20, 1999

SUBMITTAL NO.: S-7304449.01-063 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES / SEWAGE LEACH POND ELEF 4913 - ROUGH GRADE EXPERIENCE
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H - [redacted]	☐ OTHER -
AM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
QA -	☐ OTHER - [redacted]	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 WAC	BY: APRIL 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: [signature] DATE: 4/21/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D | COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

065

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

(1) PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. 5-7304449.01-065 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-69
(7) Date of Submittal 05-04-99

ORIGINAL

( ) Work may proceed subject to incorporation of any comments noted.
( ) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
( ) Revise and resubmit. Work may not proceed.
( ) Review not required. Work may proceed.

(8) Line Item No	(8) Line Item Rev	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mand Apvl	(14) Or Eq Apvl	(15) Info	(16) Submittal Data Description	(17) Document No	Rev	(18) Disp Status
A	0	02210 (1.3.1)(B)	4-04	8		X			TOPOGRAPHY PLATS- SEWAGE LEACH POND - 1964 CELL			A

B-177

(19) Remarks:

(20) Subcontractor Signature Amanda M. Strader Date 05-04-99

(21) Date Received	Date Forwarded	Qty Encl	Signature
5-13-99	5-13-99	8	AP
5-24-99	5-25-99	1	AP

(22) Comments:

(23) [ ] Additional Comments Attached Annette Poole 5/25/99
(24) Signature Date

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES&H			CAM Craig		
RC Lee			PRO		
DC			SUB		
CE Jolley					

(26) I acknowledge receipt of the data indicated and agree ____ disagree ____ to incorporate any comments.

Subcontractor Signature 5/27/99
Date

065

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

May 13, 199

SUBMITTAL NO.: S-7304449.01-065 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TOPOGRAPHY PLATS - SEWAGE LEACH POND - 1964 CELL
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 TSB	BY: MAY 20, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER: DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☑ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☒ ATTACHED ☐

RESPONSIBLE ENGINEER: DATE: 05/24/99

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

May 13, 1999

SUBMITTAL NO.: S-7304449.01-065 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TOPOGRAPHY PLATS - SEWAGE LEACH POND - 1964 CELL
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	☒ CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 TSB	BY: MAY 20, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: J. Jaeger DATE: 5/17/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER: DATE:

PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

May 13, 1999

SUBMITTAL NO.: S-7304449.01-065 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TOPOGRAPHY PLATS - SEWAGE LEACH POND - 1964 CELL
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

	☒ ES&H -	☐ OTHER -
☒ CAM - CRAIG REESE	X CE - JODY LANDIS	☐ OTHER -
☒ QA - LEO HERBERT	☐ OTHER -	☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 TSB	BY: MAY 18, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: Leo Herbert DATE: 5-17-99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED ☐

RESPONSIBLE ENGINEER: DATE:

SEE INSTRUCTIONS REVERSE SIDE

VENDOR DATA TRANSMITTAL AND DISPOSITION

PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: EIS 3954
ATTN: Document Control
200 S. VANDERBILT AVE. P.O. BOX 1625
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S-7304449.01-066 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-72
(7) Date of Submittal 05-05-99

ORIGINAL

1 - Work may proceed subject to incorporation of any comments noted.
2 - Revise and resubmit. Work may proceed subject to incorporation of comments noted.
3 - Revise and resubmit. Work may not proceed.
4 - Review not required. Work may proceed.

(8) Line Item No.	(9) Rev	(9) Spec. Ref	(10) VDS Item No.	(11) Qty. Incl	(12) Deviation	(13) Mand Appl	(14) Or Eq Appl	(15) Info	(16) Submittal Data Description	(17) Document No.	Rev	(19) Disp Status
A	0	02200 (1.3.1) (B)	3-04	4		X			TEST REPORTS GRADATION TYPE A SOIL			A

B-181

Remarks:

(20) Subcontractor Signature [signature] Date 5-5-99

(22) Comments:

(21) Date Received	Date Forwarded	Qty Incl	Signature
5-5-99	5-13-99	4	AP
5-24-99	5-25-99	1	AP

(23) [ ] Additional Comments Attached

(24) Signature Annette Poole Date 5/25/99

(26) I acknowledge receipt of the data indicated and agree ____ disagree ____ to incorporate any comments

Subcontractor Signature [signature] Date 5/27/99

(25) Distribution	CVII	Sets	Distribution	CVII	Sets
ES&H			CAM Craig		
DC Leo			PRO		
DC			SUB		
CE Jody					

REVISION DATE APRIL 23, 1999

C:\99 JOBS\E99005C\SOILS\5082.0

MATERIALS TESTING & INSPECTION

☐ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Sieve Analysis & Grain Size Distribution

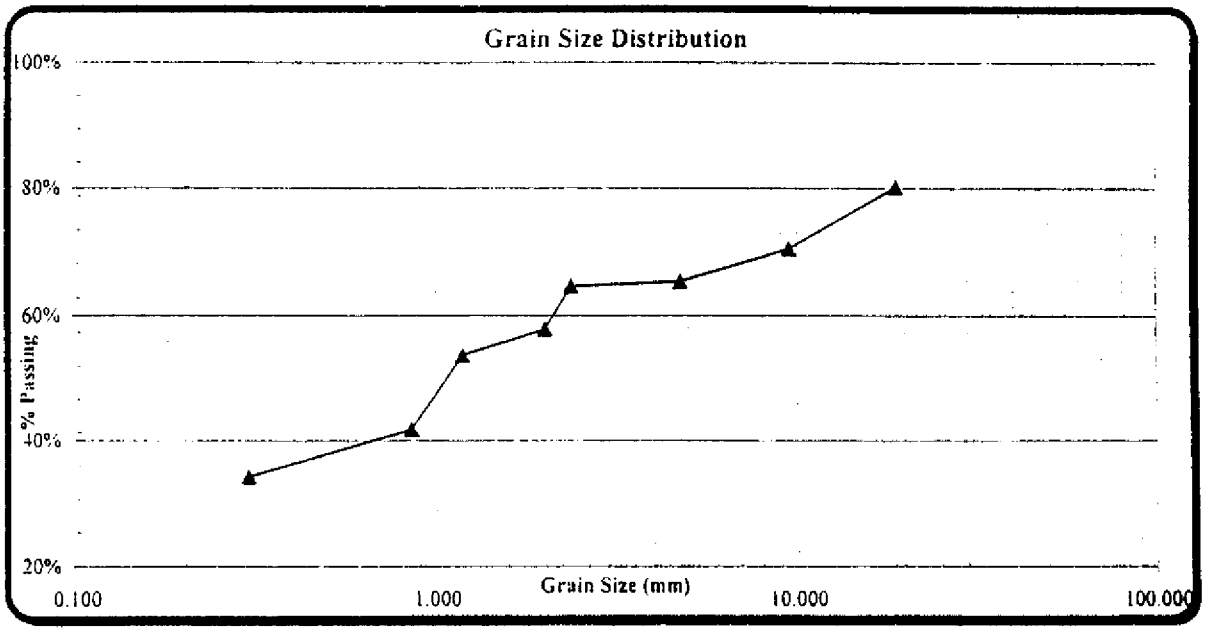
Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A, Native silty sand w/ Gravel
Sample ID: 5082
Date Received: April 15, 1999

Percent Moisture: 7.1%
Liquid Limit: 19
Plastic Limit: NP

NOTE: This is a corrected report.

Sieve Size mm	Sieve Size Inches	Percent Passing	ITD Specifications
37.5	1 1/2"	100%	
25	1"	96%	
19	3/4"	91%	
12.5	1/2"	85%	
9.5	3/8"	80%	
4.75	#4	70%	
2.36	#8	65%	
2.00	#10	65%	
1.180	#16	63%	
0.600	#30	60%	
0.425	#40	58%	
0.300	#50	54%	
0.150	#100	42%	
0.075	#200	34.3%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

viewed by: Lowell Trujillo
stern Idaho Construction Services Manager
LT/klp

☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
☐ D REVIEW NOT REQUIRED WORK MAY PROCEED
CONTRACT NO. S-7324449.01-066
BY: Lowell Trujillo
DATE 5-25-99

REVISION DATE APRIL 22, 1999

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MATERIALS TESTING & INSPECTION

☐ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Sieve Analysis & Grain Size Distribution

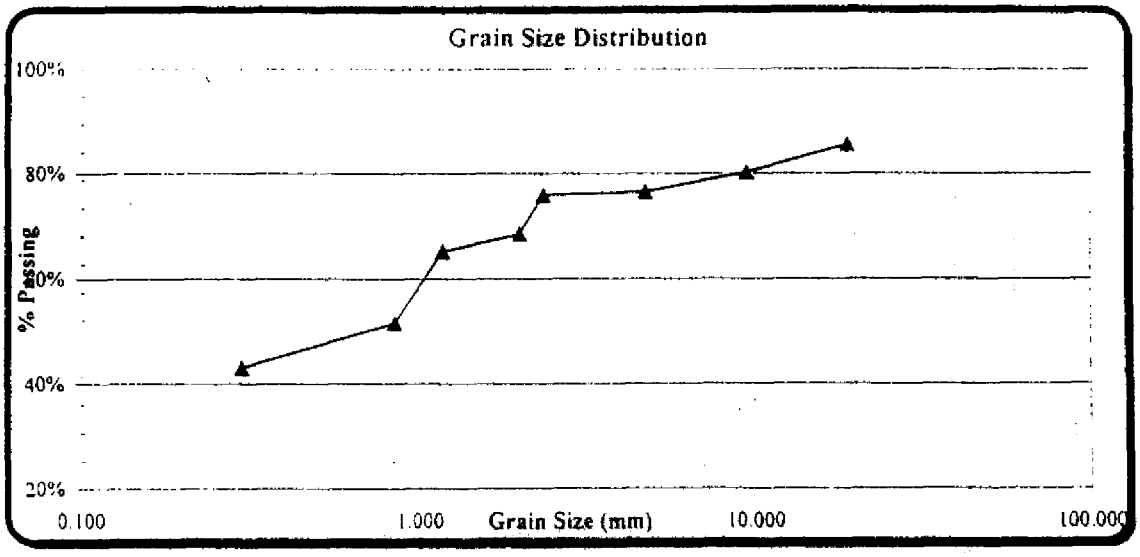
Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A Native silty sand with gravel
Sample ID: 5083
Date Received: April 15, 1999

Percent Moisture: 10.5%
Liquid Limit: 20
Plastic Limit: 16
Plasticity Index: 4

NOTE: This is a corrected report.

Sieve Size mm	Sieve Size Inches	Percent Passing	ITD Specifications
37.5	1 1/2"	100%	
25	1"	97%	
19	3/4"	94%	
12.5	1/2"	89%	
9.5	3/8"	86%	
4.75	#4	80%	
2.36	#8	77%	
2.00	#10	76%	
1.180	#16	74%	
0.600	#30	72%	
0.425	#40	69%	
0.300	#50	65%	
0.150	#100	52%	
0.075	#200	43.0%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Eastern Idaho Construction Services Manager
lp

REVISION DATE APRIL 27, 1999

C:\99 JOBS\E99005C\SOILS\5121.DOC

MATERIALS TESTING & INSPECTION

☐ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

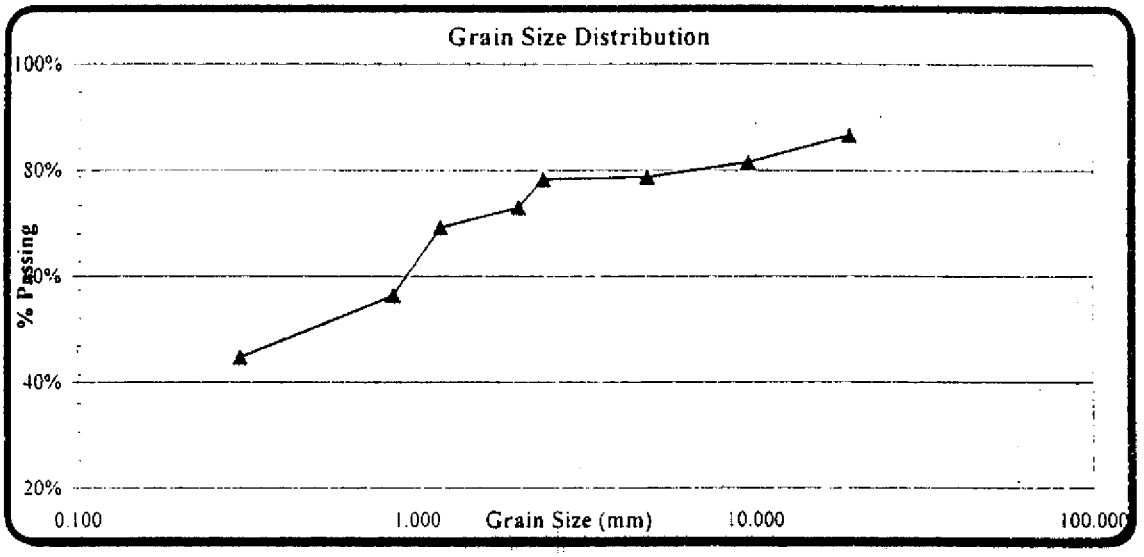
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A Native silty sand with gravel
Sample ID: 5121
Date Received: April 19, 1999

Percent Moisture: 6.0%
Liquid Limit: 20
Plastic Limit: 16
Plasticity Index: 4

Sieve Size mm	Sieve Size Inches	Percent Passing	ITD Specifications
37.5	1 1/2"	100%	
25	1"	98%	
19	3/4"	93%	
12.5	1/2"	89%	
9.5	3/8"	87%	
4.75	#4	82%	
2.36	#8	79%	
2.00	#10	78%	
1.180	#16	77%	
0.600	#30	75%	
0.425	#40	73%	
0.300	#50	69%	
0.150	#100	56%	
0.075	#200	44.6%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
tern Idaho Construction Services Manager
lp