

Bratcher, Mike, EMNRD

From: Vernon Black [vernon@hungry-horse.com]
Sent: Friday, September 09, 2011 7:16 AM
To: Bratcher, Mike, EMNRD
Cc: john@hungry-horse.com
Subject: DCP M 28 Line Closure Approval Request
Attachments: DCP M 28 Line Drawing.docx; H101886 HHE.pdf; DCP M 28 Line Fianl Lab Spreadsheet.xlsx

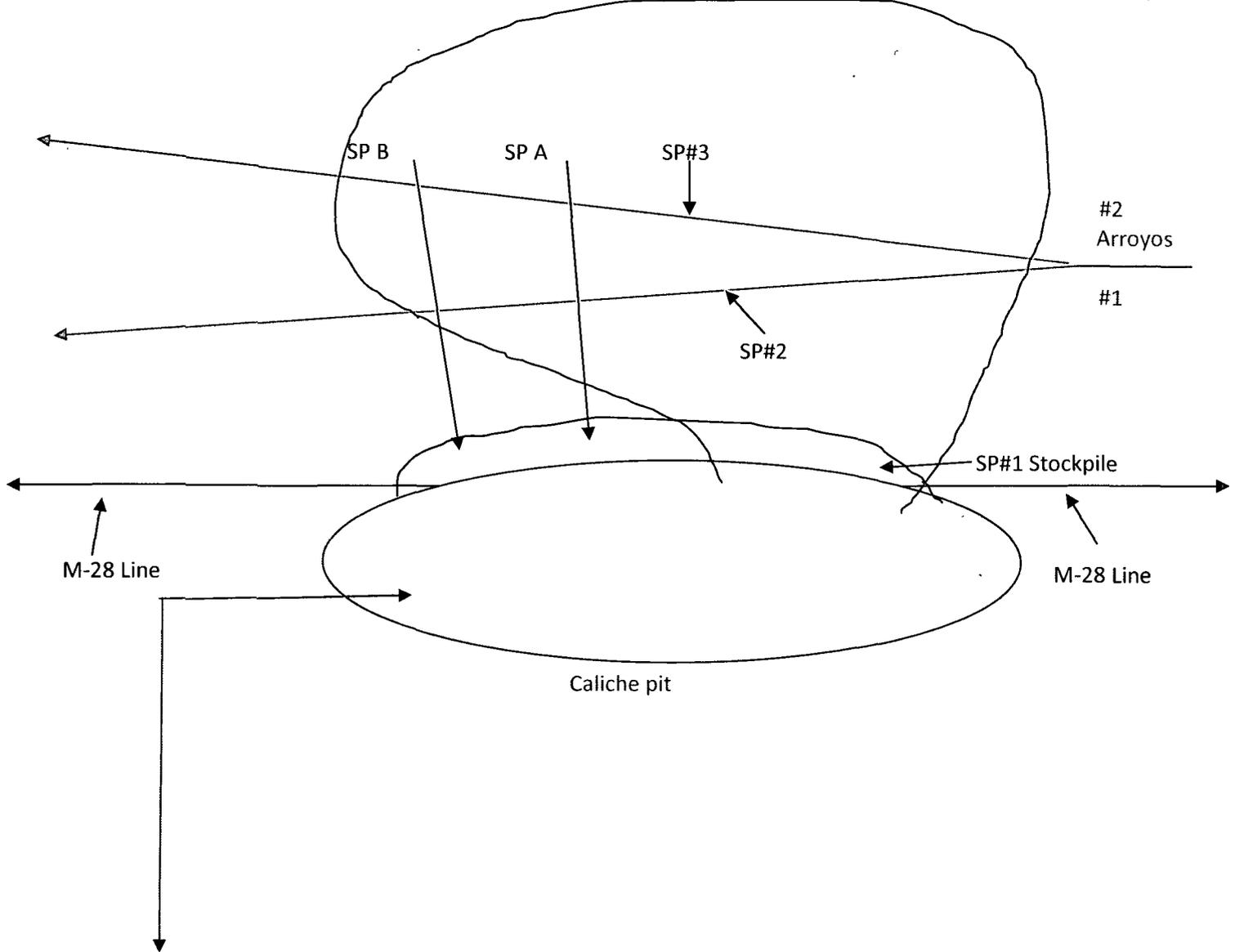
Good morning Mike,

Please see the above attachments for closure approval for DCP's M-28 Line. SP's A & B are from the top of the stockpile. These samples along with the original samples indicate contaminant levels at or below closure level requirements. Please note that SP C (not on the sketch) is the sample point at the base of the arroyo's where they enter the playa. We have the points GPS'd and marked for future sampling should the need arise. Please give me a call if you have any questions.

Thanks,
Vernon



Affected Area Approximately 300' x 300'



NOTE: Drawing is not to scale, to be used for illustration purposes only.

DCP Midstream's M-28 Line Final Lab Results

BTEX

| | SP A | SP B | SP C |
|--------|------|------|------|
| 1' BGS | <.15 | <.15 | <.15 |
| 3' BGS | *** | *** | <.15 |

TPH

| | SP A | SP B | SP C |
|--------|------|------|------|
| 1' BGS | <10 | <10 | 30.8 |
| 3' BGS | *** | *** | <.10 |

Chlorides

| | SP A | SP B | SP C |
|--------|------|------|------|
| 1' BGS | <16 | 48 | 16 |
| 3' BGS | *** | *** | 32 |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 08, 2011

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: DCP M28 LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/06/11 9:30.

Cardinal Laboratories is accredited through Texas NELAP for:

| | |
|--------------------|--|
| Method SW-846 8021 | Benzene, Toluene, Ethyl Benzene, and Total Xylenes |
| Method SW-846 8260 | Benzene, Toluene, Ethyl Benzene, and Total Xylenes |
| Method TX 1005 | Total Petroleum Hydrocarbons |

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 Hungry Horse Environmental
 VERNON BLACK
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

 Received: 09/06/2011
 Reported: 09/08/2011
 Project Name: DCP M28 LINE
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY

 Sampling Date: 09/02/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP A (H101886-01)

| BTEX 8021B | | mg/kg | | Analyzed By: CMS | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.42 | 121 | 2.00 | 7.65 | | |
| Toluene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.37 | 118 | 2.00 | 9.63 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.36 | 118 | 2.00 | 8.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/07/2011 | ND | 7.07 | 118 | 6.00 | 8.03 | | |

Surrogate 4-Bromofluorobenzene (PIE) 111 % 64 4-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2011 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ab | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/07/2011 | ND | 169 | 84.5 | 200 | 1.21 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/07/2011 | ND | 171 | 85.3 | 200 | 0.811 | | |

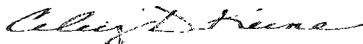
Surrogate 1-Chlorooctane 117 % 55 5-154

Surrogate 1-Chlorooctadecane 113 % 57 6-158

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Hungry Horse Environmental
 VERNON BLACK
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

 Received: 09/06/2011
 Reported: 09/08/2011
 Project Name: DCP M28 LINE
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY

 Sampling Date: 09/02/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP B (H101886-02)

| BTEX 8021B | | mg/kg | | Analyzed By: CMS | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.42 | 121 | 2.00 | 7.65 | | |
| Toluene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.37 | 118 | 2.00 | 9.63 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.36 | 118 | 2.00 | 8.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/07/2011 | ND | 7.07 | 118 | 6.00 | 8.03 | | |

Surrogate 4-Biomofluorobenzene (PIL) 110 % 64 4-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 09/06/2011 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ab | | | | | | |
|------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/07/2011 | ND | 169 | 84.5 | 200 | 1.21 | | |
| DRO >C10-C28 | 777 | 10.0 | 09/07/2011 | ND | 171 | 85.3 | 200 | 0.811 | | |

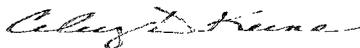
Surrogate 1-Chlorooctane 121 % 55 5-154

Surrogate 1-Chlorooctadecane 114 % 57 6-158

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Hungry Horse Environmental
 VERNON BLACK
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

 Received: 09/06/2011
 Reported: 09/08/2011
 Project Name: DCP M28 LINE
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY

 Sampling Date: 09/02/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP C 1' BGS (H101886-03)

| BTEX 8021B | | mg/kg | | Analyzed By: CMS | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.42 | 121 | 2.00 | 7.65 | | |
| Toluene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.37 | 118 | 2.00 | 9.63 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.36 | 118 | 2.00 | 8.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/07/2011 | ND | 7.07 | 118 | 6.00 | 8.03 | | |

Surrogate 4-Bromofluorobenzene (PIL) 110 % 64 4-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 09/06/2011 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ab | | | | | | |
|------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/07/2011 | ND | 169 | 84.5 | 200 | 1.21 | | |
| DRO >C10-C28 | 30.8 | 10.0 | 09/07/2011 | ND | 171 | 85.3 | 200 | 0.811 | | |

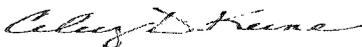
Surrogate 1-Chlorooctane 112 % 55 5-154

Surrogate 1-Chlorooctadecane 112 % 57 6-158

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Hungry Horse Environmental
 VERNON BLACK
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

| | | | |
|-------------------|--------------|---------------------|---------------|
| Received: | 09/06/2011 | Sampling Date: | 09/02/2011 |
| Reported: | 09/08/2011 | Sampling Type: | Soil |
| Project Name: | DCP M28 LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | EDDY COUNTY | | |

Sample ID: SP C 3' BGS (H101886-04)

| BTEX 8021B | | mg/kg | | Analyzed By: CMS | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.42 | 121 | 2.00 | 7.65 | | |
| Toluene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.37 | 118 | 2.00 | 9.63 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/07/2011 | ND | 2.36 | 118 | 2.00 | 8.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/07/2011 | ND | 7.07 | 118 | 6.00 | 8.03 | | |

Surrogate 4-Bromofluorobenzene (PIL) 111 % 64 4-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 09/06/2011 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ab | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/07/2011 | ND | 169 | 84.5 | 200 | 1.21 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/07/2011 | ND | 171 | 85.3 | 200 | 0.811 | | |

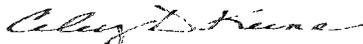
Surrogate 1-Chlorooctane 113 % 55 5-154

Surrogate 1-Chlorooctadecane 110 % 57 6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--------------------------------|-------------------------------------|--|--------------------------|--|--|--|--|--|--|--|--|--|--|--|----------------------------------|----------|--------|------|
| Company Name: <u>Henryj Horse</u> | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | |
| Project Manager: _____ | | P.O. #: _____ | | 7PH BTEX Chlorides | | | | | | | | | | | | | | | |
| Address: _____ | | Company: _____ | | | | | | | | | | | | | | | | | |
| City: _____ | State: _____ | Zip: _____ | Attn: _____ | | | | | | | | | | | | | | | | |
| Phone #: _____ | Fax #: _____ | Address: _____ | | | | | | | | | | | | | | | | | |
| Project #: _____ | Project Owner: <u>M28 line</u> | | City: _____ | | | | | | | | | | | | | | | | |
| Project Name: <u>DCP M28 line</u> | State: _____ | | Zip: _____ | | | | | | | | | | | | | | | | |
| Project Location: <u>Eddy County</u> | Phone #: _____ | | Fax #: _____ | | | | | | | | | | | | | | | | |
| Sampler Name: _____ | FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | |
| Lab I.D. <u>H101886</u> | Sample I.D. | # CONTAINERS | MATRIX | | | | | | | | | | | | | PRESERV | SAMPLING | DATE | TIME |
| 1 SP A | | <input checked="" type="checkbox"/> | GROUN/WATER WASTEWATER SOIL SLUDGE OTHER | | | | | | | | | | | | | ACID/BASE ICE / COOL OTHER | | 9-2-11 | 1200 |
| 2 SP B | | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| 3 SOC 1' BGS | | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| 4 SOC 3' BGS | | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |

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| | | | | |
|------------------------------------|---------------------|---|--|----------------------|
| Relinquished By: <u>John Able</u> | Date: <u>9-2-11</u> | Received By: <u>[Signature]</u> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: _____ |
| Relinquished By: _____ | Time: <u>0930</u> | Received By: _____ | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: _____ |
| Delivered By: (Circle One) | Time: _____ | Sample Condition: | REMARKS: <u>John Whungry - horse, CORN</u> | |
| Sampler - UPS - Bus - Other: _____ | Time: _____ | Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | Checked By: <u>[Signature]</u> | | |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

DCP Midstream's M-28 Line Final Lab Results

BTEX

| | SP A | SP B | SP C |
|--------|------|------|------|
| 1' BGS | <.15 | <.15 | <.15 |
| 3' BGS | *** | *** | <.15 |

TPH

| | SP A | SP B | SP C |
|--------|------|------|------|
| 1' BGS | <10 | <10 | 30.8 |
| 3' BGS | *** | *** | <.10 |

Chlorides

| | SP A | SP B | SP C |
|--------|------|------|------|
| 1' BGS | <16 | 48 | 16 |
| 3' BGS | *** | *** | 32 |