SITE ASSESSMENT REPORT

State of Louisiana and the Iberville Parish School Board
v. BP America Production Company, et al.

18th Judicial District Court, Division "A", Docket No. 72605
Grand River and Sullivan Lake Oil and Gas Fields
Section 16, Township 10 South, Range 11 East
Plaquemine, Iberville Parish, Louisiana
March 31, 2016

Prepared for

Ms. Amy Berret Kean Miller, LLP II City Plaza 400 Convention Street, Suite 700 Baton Rouge, Loulsiana 70802 (225) 382-3489

and

Mr. Eric E. Jarrell King, Krebs & Jurgens, P.L.L.C. 201 St. Charles Avenue, 45th Floor New Orleans, Louisiana 70170 (504) 582-3800

and

Mr. F. Barry Marionneaux F. Barry Marionneaux, APLC 23615 Railroad Avenue Plaquemine, Louisiana 70764 (225) 687-6884

Prepared by

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC. 91 Apollo Road, Scott, Louisiana 70583 Post Office Box 60295, Lafayette, Louisiana 70596-0295 (337) 261-1963



SITE ASSESSMENT REPORT

March 31, 2016

The law firms of Kean Miller, LLP, on behalf of BP America Production Company and BP Corporation North America, Inc., King, Krebs & Jurgens, P.L.L.C., on behalf of W&T Offshore, Inc.; and F. Barry Marionneaux, APLC, on behalf of Houston Oil & Gas Company, Inc., have retained Stewart L. Stover, Jr., Principal Hydrogeologist, and Brent T. Pooler, Senior Hydrogeologist/Senior Risk Analyst, of Hydro-Environmental Technology, Inc. (HET) in Lafayette, Louisiana, in the above referenced litigation. Mr. Stover has twenty-nine (29) years of experience as a Hydrogeologist and has been an expert witness in litigation involved in, but not limited to, environmental site assessment, remediation, landfill assessment and design, hazardous waste, surface water impacts, and groundwater supplies. Currently, Mr. Stover conducts project oversight for HET in the states of Louisiana, Mississippi, Texas, Wyoming, and Colorado. Mr. Pooler has over nineteen (19) years of experience in conducting hydrogeologic investigations and implementation of soil and groundwater restoration plans. Additionally, Mr. Pooler has over seventeen (17) years of experience in conducting risk assessments in the states of Louisiana and Texas and has been qualified as an expert in the fields of geology, hydrogeology, remediation, and implementation of Statewide Order 29-B, RECAP, and risk assessments. Mr. Stover's and Mr. Pooler's résumés are contained in Appendix A.

All conclusions and expert opinions in this report are based upon information and data obtained to date. Research is currently ongoing, and new information may be obtained that may change opinions between the time of preparing this expert report and trial/deposition dates.

This report is based on field data collected and information received from the client, other parties associated with the client and other third parties during the period of December 20, 2013 to March 31, 2016. All conclusions and recommendations are based on available information cited herein, and should be reviewed within this context. Should conditions at the sites in question change, or additional information become available, especially with regard to prior site conditions, it may be necessary to modify these conclusions and recommendations accordingly in the future. The contents of this report are proprietary, and text, illustrations, and/or any other parts of this report may not be reproduced without the express written permission of Hydro-Environmental Technology, Inc.

Should you have any questions or need further information, please feel free to call.

Sincerely,

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC. Project #4651.39

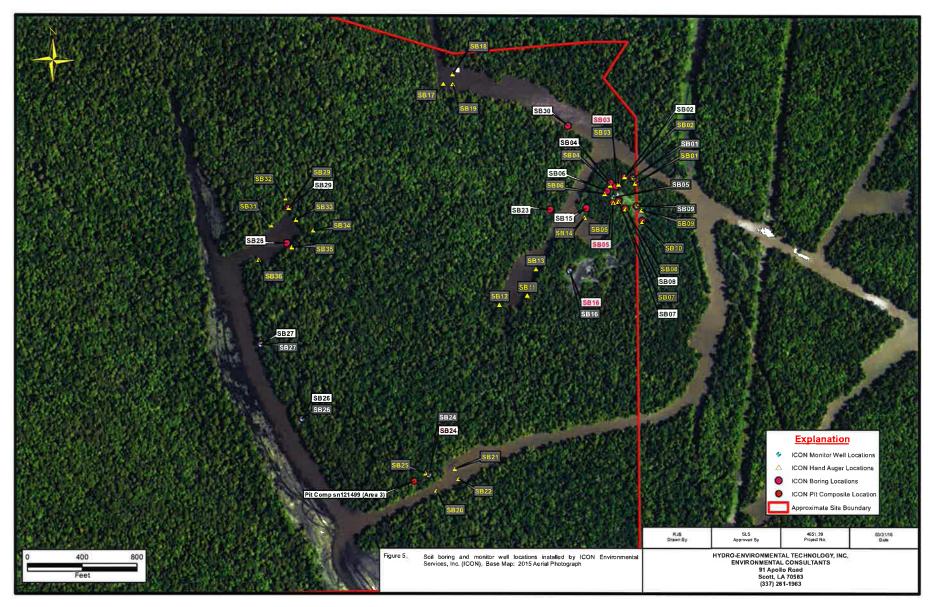
Brent T. Pooler, P.G. (LA#274)

Senior Hydrogeologist

Stewart L. Stover, Jr., P.G. (LA#440)

Principal Hydrogeologist

BTP/SLS/eop



APPENDIX C
TABLES

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.

PROJECT NO. 4651.39

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No. 4351,39

Table 1 Page 1 of 5

| - | | 1 | | | | | | z = 2 | . 9 | Sullnity | | | - | | | | | Mydi | carbone | | | | | | | | Metals | | | | | | | | | Additional I | Parameters | |
|------------------------------|--------------------|---------|----------|----------|----------|----------|-------------|------------|--------------|-------------|-----------|--------|----------------|----------|------------------|---------|-----------|----------------------|-------------|------------------|-------------------------|-----------------|-----------------|-------------------------|----------|----------|------------|-----------|---------------|---|--------------------|-----------------|--------------------|---------------|-----------------|-------------------------|------------|----------------------------|
| | | | | | SPLP | | 265 | | II C | - | | | | | Aicerboos | | 2017/2015 | | | | | | 500 | True | | 1000 | Total | | 100 | | | - 1 | - 7 | | and it | | | Fractional |
| Sample ID / Depth | Sample Date | Sampler | Chloride | Chloride | CANADA | Brumide | EC | ESP | SAR | Calcium | Megmesten | Sodium | SPLP Sodium | CEC | te (as GaCO3) | Sulfato | | TPH-DRD (C10-C2N) | | Of 4 Greate | Total Arsenic | SPLP Arsenic | Total Barium | True Total Bartum | SPLP | | Chromium / | SPLP | Total Lead | Total Mercury | Total Selection | Total Silver | Fotal Streeture | Total Zinc | Saturation % | pH (Saturated Paste) | % Moisture | Organic Carbon (FOC) |
| | | | 29B | 9056A | 1312 | 9056A | 29B | 298 | 29B | 29B | 29.B | 298 | 1312 | 29B | 2320B | 9056 | 8015B | TX1005 | TX1006 | 298 | 6010B | 1312 | 6010B | 29B | 1312 | 6010B | 6010B | 1312 | 6010B | 7471A | 60108 | 6010B | 6010B | 6010B | 20B | 298 | 2540G | Walk BI |
| | | | meq/L | mg/L | mg/L | mg/Kg | mentos con | | N/A | meg/L | meq/L | meq/L | mg/L | meq/100g | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | XX. | (N) | * |
| | | | | | | | | 11 | | | × | v | | | | | _ | | | | | | | | | | | | - | | | | | | | | | |
| All Comp. | 06/06/13 | ICON | NA. | NA | NA . | NA | · u | 18.1 | 23.8 | 197 | 9 | 10 8 | NA | NA . | NA | NA | NA. | 8180 | 3460 | 4.19 | 3 05 | NA. | 4360 | 41100: | 798 | 42 | 224 | 764 | 811 | 0.116 | NA | NA. | NA | NA. | NA | NA | NA NA | NA NA |
| | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | - | | | | | | | | | | - |
| 28.19-6 | Sport | | NA. | NA. | PM. | - And | 163 | TEN | 16.8 | 228 | 10,5 | 27.6 | 364 | 1100 | 766 | 418 | 364 | 324 | 10.7 | +635 | 631 | 24 | 216 | 368 | FAL | < 0.00 | 972 | ALL | 41 | +0.10 | MA. | RA. | 62.6 | 15.0 | 98. | 105 | 101 | I M |
| 351(64) | 00/10/15 | | - 05 | 2415 | NA SAA* | 79A. | 11.7 | 3.8 | 19-3 T.21 | 22.5 | 17.3 | 20.9 | NA. | 50.9 | HE1D NA | 12.3 | NA. | +25.0 | 126.0 NA | 211 | +1.00 5.84 | 164 | 143 | 513 334 | NA. | +0.500 | 13.5 | NA. | PAR. | 1010 | +250 AAA | rit25 | 43.3 | 99.1 | 96.4 8A | 6.57 | 30.1 | NA SA |
| (8-9) 1 82 | otroans' | | _ | | - 34 | - | - | - | | | 0.3 | 400 | - | | | - | | | | | stume for syst en | | - | 250 | | +500 | - 44 | ~ | 144 | 10.0 | - | | 41.5 | 414 | - | _ * | 341 | |
| 58-1 (12-14) | 06/08/11 | | MA | io. | 100 | A | 139 | , pa | 163. | MA | PSR. | HA. | NA . | MA | PA | NA. | 166 | (*b08-) | +500 | - NA | | - 100 | 20 | 321 | NA . | 0.82 | 158 | NA NA | 23 | = 0,1 | NA | NA . | 53 | CLE . | NA | NA NA | 46.8 | - |
| 58-7 (12-14) | 36/55/75 | _ | - | - | | 78 | 140 | _ | | 1100 | 1900 | | - | - | | | HA. | | +360 | | sturie for spir en | _ | - | | | | | | | | | _ | | | | | | |
| 58-1(19-20) | 06/05/75 | | PAR. | HX | - | 74 | 140 | 740 | NA. | - MAX | - M | - M | - | 100 | - | - 54 | PAR. | +30.0 | +300 | Paulicet vi | Nume for spirt an | P00 | 135 | 254 | NA. | 3.66 | L/h | 100 | 79 | 181 | - 100 | | 32.2 | 36.7 | 500 | - * | 30.2 | |
| 58-1/23-05 | 300000 | | T PA | PA. | - | 144 | 3.88 | 244 | NA. | , NA | HA. | HA. | NA. | 344 | NA. | £ NA | HA. | - 50E- | | 564 | 139 | | 158 | 210 | FAX. | +14 | 711 | Fait. | 10 | -(8) | NA. | - 146 | 30.2 | 22 | - 44 | NA. | 27.8 | NA. |
| 10.1/2239 | | HET | 144 | 221 | NA. | | 26 | M | FLA. | 806 | | 103 | NA. | NA. | 3160 | 32.8 | 10. | +25.0 | | tus. | 1.76 | - 14 | 778 | | Tak. | 6.322 | 611 | 768. | 5.17 | 0.01864 | 40500 | +0.250 | 26.6 | 244 | | ta | 243 | NA |
| TESTED. | - Controls | | 130 | 2120 | NA. | ** | 12.5 | 91 | 983 | 7 CE | 2.02 | 108 | 76A | 60.9 | 3790 | 49.6 | NA. | 100 121.0 | 1214 | 8.31 | 100 | 764 | 790 | 368 | TAN. | +0.500 | 121 | Paik. | 11.5 | 0.03171 | PAR +2.50 | -1125 | 103 | 49.1 | 114 | 7.M | 30 8 | MA. |
| 20.0346 | 360600 | ICOH. | PAR. | NA. | 1343 | NA. | 12.3 | 112 | 16.7 | 28.1 | 143 | ** | MA. | 64.0 | NA. | NA. | MA | NA. | HA. | 144 | 5.7 | MAT | - | 343 | PAN. | +111 | 34.9 | 704 | 24.1 | +61 | NA. | NA. | ELE. | - Mari | NA. | - 44 | 34.5 | MA. |
| 285(4.0 | 06/58/15 | | | | | | | | | | | | | | | | | | | | Sume for spill an | _ | | | | | | | | | | | | | | | | All and |
| SB-27(1-14) | 9058/15 2058/15 | | NA. | NA. | | M | 20.0 | NA. | NA. | - NA. | 968 | NA. | HA | NA. | NA. | NG. | 164. | | .94 | IAA Pandidana | HA. | | MA. | 36 | NA. | 304 | MAL | PAA. | /AR | NA. | NA. | NA. | HO. | Juk | HA. | 144 | 473 | PIR |
| IB-2 (20-22) | 06/08/15 | | TONAS | NA. | PM. | PM | 7.10 | NA. | FAL. | NA. | NA. | NA | NA. | NA. | NA | NA | NA | - | 140 | NA. | No. | | NA. | NA | 101 | 144 | NA NA | NA | NA | NA | NA | NA | NA. | NA | NA . | 144.2 | 17.1 | THE . |
| 18/1/2010 | securit | | | | | | | | _ | | | | | | | | | | | | Rume for suit an | | | | = | | | | | | | | | | | | | |
| 58-2/26-30 58-2/26-30 | 3608/15 | | NA. | HAL | NA. | NA. | 300 | N4. | NA. | NA. | 166 | NA. | NA. | NA. | NA. | 34 | 766 | PAR . | NA. | NA | NA NATION AND AND | | 264 | 166 | .144 | NA: | 98 | 60 | MA. | 14 | N4 | 146 | NA. | 164. | NA. | 144 | 40.1 | NA. |
| 283(64) | _ | 100% | :NA | NE. | NA. | 76 | 436 | 193 | :364 | 100 | .1.59 | (63) | 394 | 764 | NA. | 165 | NA. | 100 | 149 | HA. | 473 | 160 | 313 | 387 | NA. | +63 | 37: | 7A | 16.3 | (0) | TAA . | - NA | 200 | Rei | 94 | 1671 | 20.0 | NA. |
| 38-714-6 | | HET | 49.4 | | | | 5.34 | 14.9 | 26.4 | 4.19 | | 50.2 | 764 | 40.9 | 1136 | 805 | 34. | | NA. | NA | 45.00 | . 346 | 200 | 456 | NA. | +0.560 | W2 | Auk | | 0.03836 | | 1125 | 142 | 55.6 | | 716 | 22.5 | - 44 |
| SB-2/12-143 | 06/00/15 | | HA. | HA | NA. | NA. | 830 | NA. | NA. | MA | 100 | III. | 188 | HA | -765 | - MA | 168 | PR | 946 | 144 | Name for part an | 144 | 344 | 700 | 144 | .94 | 101 | NA. | - | NA . | M | - | NA. | 364 | NA. | IM: | 201 | 34.1 |
| SB-3 (18-20) | 06/00/15 | | - HA | IN: | 100. | NA. | m1 | 70 | - MA | TMA: | 194 | TIA. | NA. | NA II | NA NA | NA. | NA . | NA. | NA | NA NA | NA NA | NA NA | NA | NA | NA | NA | NA NA | NA NA | NA | NA | NA I | NA | NA. | 394. | (MA) | 166 | 23.9 | T M |
| 28-3 (18-20) | 06/00/15 | | | | | | | | | | | | | | | | | | | | riume for suit an | | | | | | | | | | | | | | | | | |
| 183-453 C-82 | 36/03/15 | | 42.1 | 1200 | NA. | AN. | 1.55 | Fan Fan | FSA. | 23.1 | 10.1 | 16.7 | NA. | FAR. | 8540 | 1647 | 104 | | NA. | NS. | Tels. | | NA NA | NA NA | NA NA | NA NA | NA. | NA NA | NA. | NA NA | NA NA | NA NA | NA NA | NA Sua. | NA 34.6 | NA. | 363 | NA NA |
| 28-3 (20-33) | MADE | 1CON | NA. | TA. | - | 760 | -: 10 | Part. | 164. | NA. | - | TA. | TAK. | Tell. | - | - 44 | 140 | 100 | 144 | NA. | 344 | 100 | NA. | NA. | 144 | IM. | 144 | PA . | NA. | - 84 | NA. | NA. | No. | NA. | NA. | NA. | 207 | 344 |
| 58-1/20-30 | | HET | 14.1 | 196 | "NA | 7A | 1,53 | 74A | HA | _ | 2.88 | CD | NA. | NA. | 2470 | 78.3 | NA. | NA. | . NA | . NA | . AA | 104 | RA. | NA . | .566 | NA. | 148 | PAR . | N/A | NA. | NA | 166. | 166 | fish. | \$25 | 152 | 26.3 | 76 |
| 58-4(3-6) | 60/10/15 | | 672 | 1000 | NA NA | NA NA | 2.05 6.3 | A24 | 27.2 | 542 11.8 | 474 | 71.3 | NA. | 603 | 2000 | 800 | NA. | NA. | HA. | 19A | *1.00 | NA NA | 136 | AQ8 341 | 764 | +0.500 | 15.1 | AA DA | 15.8 | 0 | *2 to | 11.25 | 119 | 41.4 | HA. | 671 8.72 | 34.5 | NA NA |
| 28-4/4-0 | MICH | | - | TEX. | 346 | 79A | 150 | 29.7 | 20.1 | 104 | 130 | 17.E | NA. | 643 | NA. | M. | 76 | No. | 194 | NA. | 551 | - m | 70 | 349 | 760 | 424 | 16.2 | RAR. | 34.8 | 4 2 3 | *198 | 143 | IIA. | 66.6 | NA. | PA . | 20.8 | 160. |
| 22-419-41 | | HET | 31 | 1256 | NA. | NA | 13 | 198 | 168 | | | -11 | NA. | NA. | 3200 | 401 | 766 | 166 | NA. | 144 | <3.00 | | 173 | 121 | NA. | <0.500 | 79-6 | NA | | 0.00000 | -250 | ct.25 | 68.7 | 414 | 125 | 216 | 25.4 | tia |
| 38-4/6-10 | 06/03/15 | 100m | 104 | Pail. | 30 | PER SALE | TES NA | 123 | 37.5 | T0:9 | 424 | 108 | NA. | 70.2 | 90. NA. | 164 | NA. | NA. | RA. | NA. | 5.34 | NA. | ZEZ NA | NA NA | NA. | 19.5 | 15.7 | PAR . | 12.6 | -01 | * 5 MI | +05 | NA. | -Sel | 194 194 | 744 744 | 81.1 | 795 |
| 58-4 (SE-20) | 30,5275 | | MA. | NA. | NA. | Part 1 | 525 | 246 | 764 | NA. | 48. | 34A | - | AA. | -04 | 58 | - | 195 | 194 | . Sex | PA . | NA. | 64 | 760 | - 34 | MA | 198 | AGA | 56. | NX. | - NA | 24 | 194 | 700 | THA. | | 20.6 | TA. |
| 18-4 (26-20) | 00/02/15 | _ | 258 | H010 | 201 | NA | 18.8 | N/A | tun. | 21.5 | 14 | 194 | NA. | 30) | 727 | 53.4 | 344 | | NA. | PAR. | NA. | NA. | NA | NA: | NA | HA | 160 | NA. | 101 | NA. | NA | 194 | NA | NA. | 30.8 | 2.44 | 22.1 | 744 |
| 58-4/24/201 58-4/24/201 | 06/02/15 | | MA. | NA. | ALC: | - RA | 311 | NA. | NA. | 744 | - 144 | - | PAL | - | 100 | - 44 | - 14 | - No. | - 14 | HA. | NA. | - MA | MA. | 54 | 266 | = M. | - 95 | FAA | NA. | N. | * | - 24 | 164 | - 44 | 24 | - 14 | 927 | W. |
| 28 4 (SA 39) | MATCH S | | TAX. | NA. | PAK | - RA | 480 | 100 | NA. | TAX. | 188 | 34. | M. | ж. | - MA | W | 74 | NA. | 744 | NA. | RUTA OF SHIRT MIL | PAL. | NA : | 84 | TA . | - 10 | 144 | Fast. | NK. | 64 | - NA | M | .866. | na. | - 14 | | 78.5 | NA. |
| 28-1/34-30 | 04/00/15 | HET | | 641 | NA. | NA | 3.88 | NA | NA. | | 9.08 | 13.6 | NA | NA. | 3150 | | NA. | NA. | .tia | 166 | NA. | 500. | 795 | 766 | 766. | NA. | 168. | PVA | NA. | NA: | 794 | NA. | PER. | NA. | | 111 | Q) | NA. |
| 35-12-6 | denna. | HET | 100 | 1930 | NA. | 164 | 165 | 11.6 | 30.7 | 14 | 1.63 | 12.4 | NA. | 50.1 | 3000 | 81.6 | NA. | 3520 | 2500 | 1.00 | 3.64 | 100 | 150 | 486 | NA NA | 6.43 | 163 | PPR NA | 17.3 | 0.0317# | +0.500 | A4. | 200 | EA4 | - 84 | 77a | 437 | |
| 28.82640 | Swint | 1004 | NA. | NA. | 100 | NA. | 124 | 41 | BL1 | 417 | 120 | - 61 | NA. | 4610 | 54 | M | NA. | 410 | 104 | 6.30 | 556 | | 150 | THE STATE OF | NA. | -45 | 107 | PUR I | 16.2 | +61 | +0.500 NA | 10:250 NA | 190 | 501 | 129 MA | 7,64 | 203 | NA AA |
| 10-114-0 | 63/11/05 | - | 152 | 3750 | PAA. | 19A | 15.7 | 17.5 | 74.4 | 4.14 | 1.6 | 126 | 168. | 62.6 | 2000 | 17 | 744. | 200 | 174 | u | <500 | 144 | 130 | 374 | 744 | 40 500 | (3.6 | NA. | - 11 | 0.0347 | +210 | +1,5 | 160 | \$11 | 47E | \$21 | 36.6 | tus. |
| 18-5/5-E | 96/53/15 | ICON . | MA | HA | 1000 | × | 83 | 16.3 | - 66 | 17 | 4100 | 74.3 | 44. | 472 | AA | MA | NA. | 100 | 2394 | HA | 539 Suma for quit an | HA. | 154 | 201 | NA. | 42.0 | W2 | - 00 | 162 | 421 | 4410 | +0.8 | NA. | MI | 68 | - M. | 303 | MA. |
| 28-5/5-16 | 0600/6 | | CHAC | HA | 3430 | NA | 813 | ш | 86.3 | 886 | 156 | 218 | 744. | 701 | MA | - 544 | 364 | 124 | + 500 | NA. | 651 | | 304 | PET | 164 | +68 | n | PAR . | 13.8 | +61 | 4(9) | +0.8 | 100 | 224 | 166 | - | 91 | 1 |
| 18-578-10 | 966975 | HET | | | | | | | | | | | | | | | | | | insufficient vo | olume for splif an | alysis | | | | | | | | | | | | | | | - | - |
| 58-1714-141 | | ICOM | NA. | NA | DBK | MA | 423 | - MA | fia. | 10. | 44. | THE | AA. | M. | - 86 | - MC | 144. | 1M | NA. | HA. | 94. | | M | - NA | FA. | 78A | 364 | - 10. | M. | 44 | NA . | NA. | NA. | Aut. | NA. | NA. | 251 | 100 |
| 28-1 (18-10) 28-1 (18-10) | 066015 | HET | - 10 | NA. | 168 | NA. | 48.8 | | NA. | - 14 | | 500 | 144. | 348. | #64. | -44 | 148 | 168 | | Insufficient vo | olume for spui an | alysis | - BA | 144 | 106 | NA. | HA. | 24 | April 1 | W. | NA. | TAX. | HA. | 164 | NA. | - | 20.7 | 765 |
| 200 4 (20-32) | 00/50/11 | | NA. | .8970 | 421 | MA . | 64 | NA. | NA. | 214 | 4.50 | 2170 | 362 | AUA. | 7100 | | NA. | NA. | NA. | 14% | NA. | 344 | NA. | | 765 | 74. | NA. | NA. | 10. | M. | 195 | TAK. | THA | 745. | 805 | 17 | 25.4 | 74. |
| ES-1 (22-34) | 000015 | | 140 | NA. | No. | - No | 188 | W. | NA. | | No. | NA. | He | HA. | NA. | NA. | - NA | 101 | NA. | 164 | M | 164. | ** | 305 | 766 | 764 | HA | 9 | HA. | -M | RA . | HA) | NA. | Agh, | MA. | 144 | 367 | 100 |
| 28-5/22-00 | aucuns | HET | No. | 3430 | 577 | NA . | 17,4 | NA | NA | 54.8 | 19.2 | 77.7 | 105 | MA. | 1956 | 453 | NA: | NA | NA. | NA. | NA. | 265 | NA. | NA | AM . | MA | 168. | NA. | 96 | M | NA . | NA. | NA. | NA. | 842 | 7.32 | 34 | 144 |

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No., 4551,39

Table 1 Page 2 of 5

| | | | | | | | | <i>p</i> | | Salinity | | | | | | | | Hydr | carbons | | | | | | | | Metals | | | | | | | | | Additional | SEPTIME . | |
|------------------------------|----------------------|---------|------------|------------|-----------------|------------|-----------|----------|------|--------------|--------------|--------------|----------------|-----------|------------------|---------|---------------------|----------------------|-------------------|---------------|--------------------|-----------------|-----------------|-------------------------|----------------|------------|------------------------------------|-------------|---------------|------------------|-------------------|-----------------|-------------------|---------------|-----------------|-------------------------|--------------|----------------------------|
| Sample ID / Depth | Sample Date | Sampler | Chloride | Chlodes | SPLP Calenda | Dromite | EC | ESP | SAR | Calcium | Magnesian | Sodium | SPLP Sodium | CEC | (e (as CeCO3) | Sulfate | TPH-GRO (C4-C10) | TPH-DRO (C10-C21) | TPH-ORO (>C28) | Of & Grass | Total Arsenic | SPLP Arsenic | Total Barium | True Total Barlum | SPLP Bartum | | Total Chromium / Chromium VI | SPLP Chr | Total Lead | Total Mercury | Total Selenium | Total Silver | Total Strandum | Total Zinc | Saturation N | рИ (Saturated Paste) | % Maisture | Organic Carbon (FOC) |
| | | | 29B | 9056A | 1312 | 9056A | 298 | 29B | 29B | 298 | 298 | 298 | 1312 | 29B | 2320B | 9056 | 80158 | TX1005 | TX1006 | 29B | 6010B | 1312 | 60108 | 298 | 1312 | 6010B | 6010B | 1312 | 6010B | 7471A | 6010B | 6010B | 6010B | 6010B | 29B | 298 | 2540G | Walk Bi |
| | | | meq/L | mg/L | mg/L | mg/Kg | manhos/cm | * | N/A | meq/L | meq/L | meq/L | mg/L | meq/100g | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | s u. | 196.1 | × |
| 28.616-0 | =mns | 1000 | * | 700 | NA | - | 181 | 12.1 | 95.6 | .04 | 3.40 | 154 | M. | 60.9 | rex . | . 545 | NA. | 1200 | 100 | - PA | 436 | - 70 | 110 | 794 | 165 | -03 | 153 | Aph. | 16.2 | 103 | 245 | HA: | 217 | 78.6 | MA. | TIES | 362 | - 84 |
| 284(84) | aprilins | HET | 168 | A220 | 222 | NA. | 17.3 | 15.2 | 827 | 71.9 | 4.36 3.6f | 257 | 258 | 510 | 3210 · | 1153 | NA. | 2000 PM | H? | 1.43 | 379 638 | NA. | 129 | 364 430 | NA. | 0.414 | 16.6 | . nyk | 13.3 | 0.00025 | +6 500 | +0.350 | 101 | 413 | .119 848 | 762 | 36.9 | NA. |
| 58-4(9-10) | oscans | - | 100 | 8240 | 400 | NA | 37.3 | 140 | . NA | 17.7 | 5.01 | 120 | 436 | NA. | 3190 | 47.7 | NA. | NA. | NA. | 194 | -100 | NA. | 172 | 411 | TAA . | 10 500 | 15.8 | NA. | 142 | 0.02768 | +2.56 | 11.75 | 162 | 48.5 | 104 | 110 | 39 f 40 3 | 20) |
| 10.4/16/10 | OLEDAN | (CON | WA. | 100 | NA. | NA. | 65 | , AR. | 108 | 768 | 70. | 10A | 30. | - | NA | 195 | MA. | HAX | 68 | 198 | M. | - 100 | 268 | - 14 | NA. | TAA. | - | - 19 | 100 | 144 | - 100 | 194 | 168 | 164, | 144 | 14 | 201 | NA. |
| 28-6(18-00) | 06/GV15 | HET | 212 | 6230 NA | 260 No. | N/A | 42.1 | NA. | NA. | 344 | 6.38 NA | 343 | 255 MA | NA. | 717 | 19.7 | , NA | HA. | NA. | NA. | NA. | 764 | NA. | NA. | PA. | NA. | NA. | NA. | ing. | - NA | ALA . | NA. | NA. | Fail. | 30.8 | 674 | 25.6 | NA. |
| 184(2434) | 06/03/95 | | O) | 30900 | 100 | NA. | 103 | tur. | 168. | 201 | 40 | 262 | 271 | 144 | 4220 | 36.5 | NA. | fuk. | NA | NA. | NA. | 160 | PM . | NA NA | NA NA | M | NA. | 744 | MA. | NA. | Fak | NA. | 74 | Tipe. | 70.9 | 7.1 | 21.9 | 744 |
| 28.4(2):34 | 200000 | 100% | 81 | PM. | NA. | MA . | 57.1 | NA. | 164. | TAK. | - 14 | 144 | PAL . | - 10. | - 44 | ** | - 100 | PAR. | - 14 | 244 | - 5 | - 144 | - 0.0 | | -54 | - 24 | 38. | | 100 | 144 | 28 | - 14 | 768 | 20. | 155 | 14 | 367 | TAN I |
| 58-1 (213-6) 38-7 (3-4.8) | 00/03/15 | HCT | NA. | 3100 | OII PAA | NA RA | 34.8 | 28.7 | ASB | 41.7 68.1 | 25.1 | 501 | AP.1 | AA. | 1210 : MA | 76.3 | P(A | 204 | 344 | 144 | 506 636 | 754 | 267 | 206 | NA. | 11A 242 | 164 | NA. | 17.1 | - E1 | PAR. | NA. | 760. | NA. | 13.4 | 730 | 36.6 | NA. |
| 187/248 | CONTINS | - | 376 | 5400 | 279 | PÁA. | 363 | 481 | 46 | 101 | 20.4 | 272 | 221 | 657 | 4740 | :143 | . NA | 100 | 54.8 | 1/12 | 114 | Tipe. | 102 | ×03 | PAA. | 0.643 | 7.0 | NA. | 60 | 0.00371 | +0 100 | ×0.290 | 112 | 21 | 34 | 129 | 55.1 | NA. |
| 38-7 (8-10) | denons | IOOM . | 94 | 164 | 120 | NA. | 3D | U | 34.8 | 43.7 | 147 | 100 | - NA | X1 | n NA | SA. | NA. | NA. | - 34 | NA | 4.84 | | -20 | 346 | NA. | 193 | 1 to 1 | AM. | /112 | 121 | RA. | mal. | 645 | 417 | 98. | 34 | E1 | - 14 |
| 28-7 (9-10) 58-7 (12-14) | 96/10/15 | HET | | NA. | | No. | 364 | 147 | 34.1 | 84.1 | - | 250 | | | | | | | | Hartsett nitz | nie für spill anie | _ | | - | | | | | | | | | | | | | | |
| 18-7 (12-14) | 96/19/15 | | NA. | 3000 | 307 | NA. | 21.3 | PAR. | 768 | 42 | 14.1 | 193 | 211 | AM. | 7130 · | 211 | NA NA | NA. | NA. | NA. | NA. | 761 | 76A | 700 | NA. | M. | NA. | NA. | NA. | NA. | PA. | NA. | NA. | NA. | - 01 | 74 | 201 | NA. |
| 18-7(18-20) | 06/10/15 | icon | 100 | HA | - inst | 30 | 20.1 | - M | NA. | - 84 | 164 | NA. | NA. | . No. | NA. | NA. | 164 | 100. | MA. | Spt. | 348. | - 14 | NA. | PA. | MA | M. | N. | Щ | - 4K | M. | AM. | - 24 | 194 | - | | - 4 | #12 | 544 |
| SE7 (18-00) | 96/10/15 | | NA. | 4500 | 232 | NA. | 23.1 | NA. | 164 | 434 | 27.3 | 125 | 138 | NA, | 1200 | 122 | 966 | PUR. | BAA . | FCA. | 144. | 798 | NA | NA. | NA. | NA. | NA. | NA. | NA. | NA. | PUA. | NA. | NA. | NA. | 32.1 | 700 | 20 (| NA. |
| 58-7 (24-24) 58-7 (24-24) | 06/10/15 | HCT | NA. | 318 | NA. | No. | 231 | NA. | NA. | 841 | 346 | 6.54 | NA NA | NA. | 1770 | 33.1 | N/A | NA. | TAN. | NA. | 76A | 100 | ANA NA | NA. | NA NA | M N | NA. | AUA. | AM. | ** | NA. | NA. | 168. | NA. | 56.6 | 7.65 | 776 | - MA |
| 30-F(36-At) | 96/10/13 | | NA. | 168. | 764 | NA. | 1,23 | NA. | PA. | MA | NA. | No. | NA. | NA I | NA. | M | HA | 16x | - 14 | N/A | NA. | lia . | PM. | - NA | * | - 104 | - ** | 744 | 38 | NA. | NA. | MA | THA. | - | - Ma | - 14 | 26.5 | М. |
| (87/3840) | 96/10/15 | _ | 144 | 16 | Tells. | Tak | - 13 | 748. | NA. | A 95 | 206 | 4.8 | Tea. | NA. | 8690 | 72.2 | NA. | NA. | NA. | NA. | NA. | 796 | NA. | NA. | Aja. | NA. | NA. | NA. | 168 | NA | PÚA. | 764 | NA. | NA: | 82,4 | 7.66 | 46.0 | NA C |
| 184/6-6 | CONTURS | _ | 162 | 2990 | 102 | TAN. | 17.1 | 1.8 | 726 | 71.A 16.3 | 29.7 | 30.6 | 81.8 | 74.0 | HGE HGE | 179 | NA. | PAR PAR | NA. | 144 | 421 4500 | 14. | 175 | 411 | TeA . | +0.500 | 01 | 344. | 15.5 | +83 032578 | *2.50 | 113 | FEE. | fL1 60.9 | 161 | 132 | 411 | MA. |
| 22-9 (9-16) | 00/10/15 | _ | NA. | HA | Tex. | Park . | 1Xt | - 10 | T56 | THE | 16.4 | 00.5 | NA. | - | NA. | .NA | 16 | HA | HA. | HA. | 937 | 194 | ete . | 206 | NA. | +55 | 12.8 | - 144 | THE STATE OF | +41 | Suk | | 30.3 | 46.5 | NA. | - 14 | 411 | - MA |
| 20-8 (9-10) | 96/19/15 | | | | | | | | | | | | | | | | | | | reform ou | | | | | | | | | | | | | | | | | | - |
| 2014/19/20 | 26/10/15 | HET | TAKE: | 904 | NA. | ANA. | 341 | NA. | 164 | 16.5 | 121 | 11.2 | NA. | NA NA | NA MAD | 843 | NA. | NA. | BA. | NA NA | ANA. | 16 | ANA. | NA NA | 74 | TAL. | 164 | NA. | 198 | 164 | NA. | 168. | 168 | 745. | 806 | 738 | 22.1 | Pat. |
| SB-8 (20-22) | 94/10/15 | _ | I M | NA. | 164 | NA. | Chr | NA. | HA. | NA. | NA. | NA. | HA | NA. | NA. | N/K | 964 | NA. | NA. | 101 | NA | NA. | NA. | NA | NA . | NA | NA. | NA . | NA NA | NA , | NA. | NA | 764 | NA. | BA T | NA. | 349 | 795 |
| SB-8 (20-22) | 06'mbres | | | | | | | | | | | | | | | | | | | institute ou | | | | | | = | | | | | = | | | | | | | |
| 18-9/6-0 | S2/12/15 | - | HA | 2760 | PAR. | AAA AAA | 16.5 | 136 | 15.0 | 214 | 17.3 | 343 | NA. | 90.2 | NA. | 318 | NA. | NA. | NA. | NA. | 41.00 | NA. | 211 | 30E | NA NA | +0.500 | 13.6 | DAN . | 241 | 0.0001 | 725E | 11.25 | 36.6 | 18.5 | NA NA | E91 | 41 | NA. |
| 35-818-743 | OWITH | | MA | NX. | NA. | N4 | 753 | 6.7 | .112 | 648 | - 2 | 75.6 | NA. | ALT | M | NA. | 366 | NA. | NA: | 198 | IE | No | 100 | 290 | 264 | -13 | 9.04 | #M | 10-3 | < 0.3 | na | NA. | 41 | ma . | NA. | 160 | 35.2 | M |
| 28-9/8-13 | 00/11/19 | | ALA. | 2880 | 100 | Suk. | 16.5 | . 244 | 744. | 51.8 | tet | 70.0 | 93.2 | 144, | 1970 | 226 | NA. | NA. | NA. | NA. | 1.13 | 74. | 75.8 | 242 | MA | 0.276 | 8.22 | . Aut. | | 6:22486 | +0.500 | +0.250 | 27.6 | 25.6 | 74.9 | 2.96 | 342 | NA. |
| 58-9 (13-14) 58-9 (13-14) | 00/11/15 | HET | MA | NA. | - | 100 | 21.5 | re. | 10. | M. | 194 | MA | W. | 348. | NA. | NA | MA. | HA | ## | TOUT CONT HOW | NA. | 164 | NA | NA | 101 | 194 | 164 | 764 | 98 | NA. | M | 144. | NA | 55 | MA | - MAX | 102 | 200 |
| CE-8(15-10) | 96/11/nt | _ | . NA | NA. | NE | NK. | 121 | 191 | 10. | (NA) | NA. | NA." | MA. | 348 | 195 | 105 | 168. | PAR | 148 | (ga. | 144. | HA. | ANA. | 194 | 344 | - M- | 166 | 864 | 196 | O.A. | NA | 160 | 10. | 764. | NA. | 144. | 33.8 | 34.1 |
| 58-9 (76-10) | 66/11/15 | | | | | | | | | | | | | | | | | | | radicet ou | | | | | | | | | | | | | | | | | | |
| 58-9 (25-22) 58-9 (26-22) | 96/11/15 06/11/15 | | Ma. | 100 | NA. | MA. | 400 | 100 | 160 | (%A) | 168 | 250 | #8. | JU. | 185 | 94 | 346 | · 60 | MA: | TOUTCOT HOW | NA. | 164 | - 88 | 39. | 30 | M | 164 | 無 | NA. | 164 | M | 30. | NA. | NA. | NA: | 344 | QA. | MA. |
| 18-17/1-41 | opront | ICON . | MA. | NA | PAK. | NA. | 14.5 | | 16.7 | 308 | 22.8 | 101 | Test. | 713 | NA. | 844 | 566 | FUR | NA. | fex . | 132 | HA | 304 | 430 | Nº I | +22 | 168 | NA. | 343 | +61 | NA | NA. | 311 | 201 | NA. | 100 | 494 | 36.1 |
| 38-19/6-6 | sonins | | 196 | 3670 | 20 | N/A | 30.7 | 331 | 19.7 | 40.5 | 213 | 118 | 157 | 46.5 | 1830 | 504 | 364 | NA | .tuk | NA. | <100 | 76. | 175 | 454 | NA. | 40.500 | 375 | 74A | 12.8 | 0.00368 | -250 | 11.29 | 50 | 20.8 | 110 | 7.64 | 467 | ALA, |
| 58-19-10 58-11-10 | 96/13/15 96/13/15 | HET. | NA. | 2400 | 110 | NA NA | 101 | 4.4 | 167 | 66.3 | 25,1 17,4 | ## B | 16A 100 | Ge No. | 2421 | 316 | PAR TAN | NA NA | BA. | NA NA | 3.22 tut | 144 | 191 | 275 | MA. | 128 | 8.00 | NA NA | 10.3 | +61 | * | ** | 304 | 28.7 | - NA | 144 | 120 | MA. |
| THE STATE OF | OGMENTS | FCON . | THA | 200 | PAR . | NA. | 75.6 | -4.8 | 107 | 18.2 | 2) | 76.6 | 784, | 794. | NA. | 144 | TA . | P/A | MA. | NA NA | NA. | TA . | NA. | PAA . | - 64 | 784 | 160 | NA NA | 100 | NA. | NA PAR | 764 | PAR. | 364 | 79.2 NA | 113 NA | 29.5 | 348 |
| 38-11/12-16 | 96/12/15 | | NA. | 3000 | .NA | NA. | 123 | NA | NA. | 26.1 | 34.6 | 883 | NA. | NA. | 4910 | 112 | NA. | NA | NA. | NA. | NA. | NA. | . NA | -44 | 79A | 164 | 164 | PAR . | NA. | NA. | NA | tuñ. | 168. | NA. | 49.6 | 151 | 34.5 | NA. |
| 18-16 (20-22) | 96/12/18 96/12/18 | HCOM | MA. | 346 | 25 | NA NA | 380 | NA. | 768 | 19.7 | 8,17 | 022 | NA. | 10. | AURC AURC | 50K | TOP NA | NA. | NA. | NA NA | NA. | NA NA | 25 | NA. | 744 | W | HA. | 700 704 | NA. | * | RA NA | PAR. | PAA. | Park. | 17.6 | 7.46 | 364 | 78A |
| 38-11 (F-I) | 30/12/15 | 100% | SA. | 140 | 434 | TIPA : | 476 | 67 | 14 | 245 | 137 | 196 | Tiph. | Ann - | MA. | 56 | - NA | Para . | ma. | NA. | 4.61 | ten. | 200 | 254 | PM. | -25 | 15.8 | MA . | 167 | -9.1 | F180 | 101 | 768 | 433 | 17 A | - 14 | 243 | NA. |
| 10:11/8-6 | 9660/19 | | +1.00 | - 64 | Page. | 194 | 0467 | -012 | -276 | tin | 0.723 | 275 | NA. | 543 | 1000 | . 143 | NA | P/A | NA. | NA | <1.00 | 164 | 139 | 40) | 244 | +0 t00 | 101 | NA | 1.0 | 0.00012 | +210 | +1.26 | 263 | 41.1 | 361 | 766 | 50) | NA |
| 38-17/9-0 | 96/02/15 96/02/15 | HCT. | +1.00 | 20.7 | THE TANK | NA NA | 2417 | 0.917 | 173 | 682 321 | 154 | 286 | 76A | ATT . | 1210 | * | 364 | PAR. | NA. | 144 | 624 45.00 | NA. | 20M2 - | 9640 | NA. | +0.000 | 71.4 | Park. | 22 E | 0.00468 | S LOC. | *85 | 144 | 79.85 | ** | M. | 10.1 | NA. |
| 38-12(0-6 | 0000013 | ACCH! | 11.00 | 74 | 14.1 | TAR . | 221 | LA | 100 | 3.06 | ERI | 210 | - 00 | 50.5 | NA NA | 144 | - 10 | NA. | ha | 144 | 8.73 | - M | 3638 | 34800 | BAL. | 403 | 22.6 | RA. | 20.0 | 0.01 | +250 | 103 | 473 | 20 | 876 8A | E49 | (13) 523 | 14A |
| 38-12/2-0 | 66/02/15 | | 235 | 362 | fun. | 766 | 1177A | 121 | 211 | 210 | 137 | 3:06 | NA. | 429 | 2230 | 161 | NA. | HA | :NA | - NA | 45.00 | 394 | 8115 | 1900 | 766 | +0.500 | 12.4 | NA. | 13.3 | 0.000002 | 1255 | 41.25 | 34.5 | 41.2 | 42.5 | 706 | 20.7 | 766 |
| 28.13 (0.12) | 06/00/05 | ICON. | MA. | NA. | 58.0 | 26 | 2.0 | 12 | 2.84 | Lts | 423 | 541 | 148 | er | * | ** | 164 | NA. | ** | HA | 631 | 100 | 1343 | 4820 | ALK. | 107 | 222 | - 84 | 22 | +0.1 | 4138 | 188 | PA. | 12.1 | - 14 | - 44 | 83.6 | - 14 |
| 18-17(P-2) 18-17(P-4) | 06/02/15 | _ | 3.20 MA | :75.9 | 65.9 | AGA DAR | 137 | 1:02 | 237 | 9.35 | 2.44 | A 57 B 25 | MA. | 416 | 1400 · | T10 | NA. | (GA | NA. | HA | +1.00 SAL | NA Spi | 883 1882 | 5880 | NA. | 10 500 | 123 | NA. | 11.5 | 0:00902 - 6:1 | +2.50 | 488 | 80.2 | 41.5 | 31.6 | 836 | 814 | NA NA |
| 28-07(2-6 | | HCT. | | | Nia. | NA. | 1.2 | 132 | 286 | 106 | 258 | 6.13 | NA | 47.8 | 1430 | 648 | 166 | . NA | . N/A | 166 | 11.00 | 166 | 543 | | | +0,500 | 17.3 | NA. | | | +250 | 41.25 | 36.1 | 41.8 | 67.6 | 238 | 24.1 | NA. |

State of Louisiana and the Iberville Parish School Board vs, BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No, 4851,39

Table 1 Page 3 of 5

| | | | 1 | | | | | | | Safinity/ | | | | | | _ | | Hydr | scarbona . | | 1 | | | | | | Metal: | , | | | | | | | | Additional | Parametera | |
|-------------------------|----------------------|---------|------------|-----------|-----------------|----------|------------|----------|-------|-----------|------------|--------|----------------|------------|------------------|--------------|---------------------|-----------|-------------------|------------|---------------------|-----------------|-----------------|-------------------------|-----------|-------------------|------------------------------------|------------------|---------------|------------------|--------------------|-----------------|--------------------|---------------|-----------------|-------------------------|---------------|----------|
| | 100 | | | | | | | 1 | | 1 | | | | | - cons | | | | | | | | | | | | | 1 | | | | | | | | | | Fraction |
| Sample ID / Depth | Sample Date | Sampler | Chloride | Chlorista | SPLP Cabinia | Grundska | EC | ESP | SAR | Calcium | Magnustics | Sodium | SPLP Sodium | CEC | fe (as CaCO3) | Sulfate | TPH-GRO (CE-C10) | (C10-C21) | TPH-ORO (>C28) | Of & Green | Total Araunic | SPLP Arsenic | Total Barium | True Total Barium | SPLP | Total Castrium | Total Chromium / Chromium VI | SPLP Chromium | Total Lead | Total Mercury | Total Selection | Total Silver | Total Streetium | Total Zinc | Saturation % | ρΗ (Saturated Paste) | % Moisture | C |
| | | | 298 | 9056A | 1312 | 9056A | 298 | 29B | 298 | 298 | 29B | 298 | 1312 | 298 | 2320B | 9056 | 8015B | TX1005 | TX1006 | 29B | 6010B | 1312 | 6010B | 298 | 1312 | 6010B | 6010B | 1312 | 6010B | 7471A | 6010B | 6010B | 6010B | 6010B | 298 | 298 | 2540G | Walk B |
| | | | meq/L | mg/L | mg/L | mg/Kg | rombos' em | ж. | N/A | meq/L | meq/L | meq/L | mg/L | meq/100g | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | 140 | % | 74 |
| III-MANA | 06/52/00 | юн | HA. | NA | 240 | 188 | 124 | 42 | 193 | 354 | 94 | 264 | HA . | 628 | NA. | 196 | 364 | 1100 | 164 | - 195. | 546. | MA. | 2448 | 34905 | NA. | - 01 | 21,8 | 100. | 21.1 | 103 | E4139 | *0E | NA. | 43.4 | HA: | , her. | 113 | NA. |
| 18-14/F-D | | MET | 102 | 1190 | NA. | fak. | iq | 7.0 | 118 | 25.7 | 13.2 | 52 | NA. | 42.6 | 2360 | -312 | 166 | NA. | 144 | - NA | 45.00 | 164. | 795 | 19000 | Jua. | 43:500 | 14.6 | 344 | ni | 0.00000 | +230 | 村袋 | 52.2 | 465 | 54.6 | 635 | 60.1 | . M |
| 10-14/0-40 | OMESSES. | | NA. | NA. | 992 | Jak | 314 | 12 | 19.7 | 421 | 261 | 172/ | HA | 18.0 | PA. | 100 | PM. | MA | MA. | NA. | 4.87 | ANA . | 2488 | 34700 | 100 | 1.01 | 22.1 | JAA | 214 | 101 | (410) | +0.8 | 10. | 10 | HA. | 144 | 34.7 | 394 |
| B-15 (0-2) | 06/15/15 | ICON | 106 | 1543 | NA. | Fail. | 6.00 | 8.19 | 234 | 254 | 19 | 118 | PAA. | 23.1 | HA HA | 800 | NA. | NA. | NA. | Pula. | 41.00 | 200 | 345 | 12500 | NA. | +9500 | 12.1 | 144 | 921 | 0.02529 | +2.50 | +1.25 NA | 47.7 | 67.8 | NA NA | NA NA | 29.7 | NA. |
| 8-15 (0-2) | 06/15/15 | | | | _ | 1 10 | | | | | | | | | 40 | 47. | | 100 | - 10 | - | Name for April at | | - | 775 | | | | | | 200 | II DOLLARING | 100 | - | 0.0 | (64 | 190 | 2, | 100 |
| 8-1534-61 | 06/15/15 | HOON | M. | TAN. | œ | Ten. | 149 | 13 | - 9 | 4.00 | 140 | 24.7 | - | 79.1 | m | NA. | Tito. | 198 | - 100 | 164 | 436 | 796 | 215 | 317 | M | +95 | 164 | 764 | 17.8 | (400) | | - 96 | -nr | 73.2 | HA. | 144 | 343 | P.LA |
| risted | 901501 | | 144 | 372 | NA | | 10 | žķt. | NA. | 3.90 | | 76.4 | NA. | 764 | 1000 | 656 | P(A | NA | NA | NA | 238 | NA. | 125 | 405 | NA: | 0.527 | 11.4 | NA. | 10.6 | 0-03725 | +0.500 | +0.256 | 42.1 | q | 17 | 632 | 36.4 | 10 |
| SIANS | 96/19/19 | HET | 195 | 165 | 100 | - 100 | 19 | - | - 14 | 195 | - PM | - 4 | (f) | - | 144 | 35 | - 14 | - | - 10 | na. | NAME OF ADDRESS AND | - | 194 | - | - 75 | - 100 | - 100 | NA. | 164 | 744 | 144 | - 94 | NA. | 198.1 | PA . | NA. | H2 | - |
| II CHANG | DECTRONS | | | 168 | 154 | 700 | -107 | 100 | TAX. | - | - | - | 14. | - 100 | NA . | NA. | Fin | in to | - | PARSON P | - | 798 | 1 No. | - | - | - 14 | mit. | | - 75 | M | 761 | 100. | NA. | - 10-1 | 192. | 104 | Ti- | 1 4 |
| 19/24/29 | 96/15/15 | | 15.3 | 305 | NA. | 760. | 22 | NA. | NA. | 10.7 | 4.49 | 151 | NA. | NA. | 15200 | 122 | - 164 | NA. | HA. | NA. | 76A | -34 | 745 | NA. | NA. | NA. | NA. | MA. | NA. | , NA | ANA. | NA. | NA. | NA. | 122 | 736 | - 0 | - |
| 11(0)34 | DECISION | CON | TAX. | 788 | - NA. | | 177 | 100 | 166 | 194 | 764 | 368 | TAL | | - NA | 505 | 36. | 766. | - 44 | 164 | - 0 | - 74 | 10. | NA. | 90. | _ M. | 100. | 70. | 164 | W | - 194 | - NA | NA. | - A4 12 | - | 76 | 20 | |
| IN SECTION | 06/15/15 | | 9.82 | 728 | NA. | 794 | 166 | 764. | NA. | 7.62 | 3.12 | 141 | NA. | NA. | 1330 | 142 | 766 | No. | NAC | NA. | NA | NA. | MA | NA. | NA. | 764 | NA. | 766 | 148. | 166 | NA. | :NA | NA. | NA: | 765 | 224 | 41.6 | N |
| F-1879-25 | 06/15/15 | | 8.33 | 129 | NA. | 14. | 1.00 | 279 | 320 | 7.48 | 200 | 7.66 | NA. | 67.6 | 2300 | 111 | 768 | NA. | NA. | NA. | 240 | ** | 94.2 | 271 | NA. | 23 2346 | 10 F | 98. | 113 | 0.04019 | 136 | +0.050 | 62.2 | 47.1 | 84.7 | 957 | 44 | |
| - catherin | 36/15/13 | HOOM: | 8.93 | 139 | 500 | | W. | 2.74 | 20.5 | 154 | 215 | W. 1 | - 100 | 78.8 | Ball. | 765 | - | NA. | 545 | 64 | 45 | WA | 34 | 279 | TOTAL CO. | +05 | 24 | 144 | 11.3 | - 85 | *1.00°. | TEA. | 91.3 | 121 | 547 | 937 | MI. | - |
| 1916-0 | 06/15/15 | HET | 82 | 1400 | NA. | NA. | 121 | tya. | NA. | 9.16 | 3.81 | 23.4 | NA. | NA. | 2690 | 165 | NA. | PAA. | .64 | NA | 246 | 344 | 113 | (QC | NA. | 0.258 | 948 | tus. | 201 | 0.02898 | +0 100 | +0.200 | 44.4 | 13.5 | 103 | 723 | 47.3 | - 8 |
| MIRAL | devises | ICON | / 54 | 766 | 208. | 205 | 10.3 | 161 | .201 | 367 | 2.34 | 23.0 | . M. | 98.4 | KA. | NA | - MA | , PAR | . Ass | PAR. | 764 | TAL. | ALA. | PAR. | NI. | .54 | AR. | MA, | ME | fait. | AAA | | ** | - | - 100 | - | 41 | |
| H(F/H) | 06/15/15 | | | | | | | | | | | | | | | | | | | | Nume for spot at | Alytin | | | | | | | | | | | | | | | | |
| STARE STARE | 06/15/15 | | - MA | - 10. | MA. | 70. | 10) | - | - 14 | 44 | - | 108. | NA. | - 44 | NA . | JA | 100 | | | - 44 | Nume for split or | 1 100 | 304. | - M | - 74 | AL. | - 44 | MA, | CAR. | M | All I | | 54 | 20, | -34 | - 14 | 24 | 1 |
| 1228-30 | OUNDAM. | | NA. | 144 | NA. | 300. | 1.6 | | NA. | 164 | 944 | 344 | 704 | - 24 | NA | . NA | 164 | 764 | - 54 | 16A | 140 | 100 | Salt. | 944 | Jul . | - 34 | 344 | Jul. | 200 | 344 | | NA - | - 14 | 24. | 344 | - 14 | 248 | |
| A(26-20) | 06/15/15 | | 623 | 96.5 | NA. | NA. | 130 | NA. | : NA: | (87 | 232 | 436 | NA . | NA. | 2180 | 362 | NA. | NA. | 164. | NA. | 74A . | 144 | 744. | ALA. | NA. | NA. | NA: | NA. | NA. | NGC. | NA. | NA. | NA. | NA. | | 721 | 25.1 | |
| ttett | denient | COM | MA. | NA. | 488 | Text. | 311 | 48 | 123 | 104 | 428 | 18.6 | 30 | 20.0 | - 144 | NA. | No. | NA. | NA. | 166 | 538 | 164 | 40 | 673 | 346 | 105 | 15.2 | . NA. | 15.5 | 101 | - 1 m | - 04 | 87.6 | 97.6 | 100 | 44. | 40.7 | |
| 17(6-2) | 06/16/15 | | 24.1 | 224 | NA. | 744. | - 1 | 33 | 7.26 | 19.8 | 6.63 | 22.8 | NA . | 45.1 | 412 | 343 | .NA | NA. | 164. | NA. | 206 | .56 | 264 | 1156 | 344 | 0.268 | 16 | 368 | 125 | 0-02574 | =0 to0 | +0.250 | 38.7 | 219. | 61. | 657 | 64.2 | |
| 1704 | 36/16/15 | | 473 | 363 | 744 | Feb. | 530 | 513 | 10.2 | 15.1 | 5.44 | 26.5 | DA. | 415 | 2000 | 477 | TAA. | 768 | 168 | PAR. | 224 | PA. | 1700 | 1000 | TAR. | 4.03 | 11.6 | 768 | 212 | 0.02731 | +0.500 | +0.200 | 49.7 | 476 203 | 67.4 | - MA | 563 412 | |
| Ones. | Denima | ICCH. | NA. | ia. | - | 745 | 100 | - (1 | 122 | ATS | 131 | 136 | | 52.6 | NA. | 14A | NA. | - | 100 | 945 | 450 | TA. | 3979 | 6810 | 148 | 145 | - 19 | 200 | N. | 161 | *130 | MA | 126 | 115 | I IN | 10 | 16.7 | |
| 1276 | 36/16/15 | HET | 3.17 | +0.3 | 768. | 764. | 136 | 1.9 | 226 | 10.4 | 45 | 6 17 | TAA. | 39.7 | 1280 | 264 | 194 | Talk. | 761 | 164 | 226 | 100 | 200 | 6816 | 166 | 134 | 101 | 768. | 12.2 | 0.03403 | +0 500 | +0.350 | 46 | -64 | 643 | - 64 | 316 | |
| up-e | 001603 | | MA | 104 | 202 | Sub. | (2) | 13 | 249 | 454 | 223 | 457 | NA. | 56.4 | HA | SIA | HA. | 196 | HA | RA. | 5.00 | PA. | 1945 | 11000 | NA. | 42: | 12.8 | 364 | 36 | 161 | SL. | NA. | 145 | m | NA. | HA | 60.0 | |
| 464 | DEPENS | | 1.02 | +4.2 | | 768. | 128 | 1.75 | | | 2.45 | 46 | NA. | 39.7 | 100 | 213 | 766 | NA. | 168. | NA. | 2.66 | 100. | 254 | 6810 | NA. | 0.328 | 129 | Fig. | 12.4 | 0 03294 | +0.500 | 40.000 | 67.1 | G! | | 654 | 65 | _ |
| upp app | OUTEOS OUTEOS | | 16 | 103 | 612 MA | 76. | 3.0 | 273 | 584 | 94 | 100 | 17.6 | NA. | 628 | 1130 | 86A - A37 | NA. | NA NA | NA. | NA NA | 211 | NA. | 240 | 1410 | 748 | 0.271 | 7.87 | 76A. | 7 SR | 0.00626 | +2:00 | -0.250 | 26.1 | 103 | 78 | 607 | 632 | |
| 19(1-0 | 00/19/15 | | NA. | NA. | 79.0 | 76 | 736 | u | 107 | A36 | 2.01 | 12.8 | NA) | 45.1 | PIÁ | HA | HAN, | I NA | HA. | 164 | \$17. | 94 | SEE | 2400 | 240 | <0.8 | 228 | PA. | 18.1 | 101 | V116 | 144 | 183 | 848 | CHAC . | M | 11.2 | |
| 1807-0 | ownent | | 15.5 | 242 | NA. | AA. | 377 | 4.30 | 7.85 | | | 17.5 | MA - | 49.1 | 1450 | 251 | 366. | NA. | | NA. | - 3 | 264 | 563 | 2316 | NA. | 0.393 | 13.6 | ALA. | 71.3 | 6.0277 | -42 SQ | +0.296 | 71.8 | 10 | 763 | 653 | 60 E | |
| 200 | autine | CON | NA. |)) ha. | 811 | No. | 1.19 | 24 | 132 | 5.0 | 2,51 | 268 | HA. | ES . | NX. | No. | 744 | PAR. | - 44 | . MA | 8.19 | No. | 2879 | 14000 | HA. | 961 | 943 | 10 | ML D | 160 | +158 | - 14 | 60.2 | 193 | HA | 166 | 803 | |
| 20 (0.2) | out his | | 41.00 | 18.3 | NA. | Ash. | 131 | 0.832 | 121 | 6.54 | 257 | 164 | ALA: | 423 | 1290 | 142 | NA. | NA. | N/A | NA | 244 | NA. | 306 | 16100 | MA | 831 | 135 | NA. | 12.2 | 0.05813 | yd-500 | <0.250 | . 26.1 | 36.5 | 68.2 | 628 | 412. | |
| 20 (0-4) | OU17/15 | 1006 | 2.35 | 30.7 | NA. | Park. | 149 | 121 | 1.73 | 7.14 | 32 | 194 | NA. | #2 | 1243 | 245 | NA. | PAR. | NA. | NA. | 2.61 | NA. | 453 | 6840 | TAN. | 2.325 | 116 | NA. | 30.0 | C-03636 | +0.500 | *E.250 | 40.5 | 375 | 85.9 | 5.36 | 20.3 67 | |
| 11 N-D | OGITTES | ICON I | 144 | 30.7 | 437 | 794 | 1.0 | 121 | 16 | 148 | 231 | 324 | NA. | - 49 | NA. | NA. | NA. | AGK | 906 | 765 | 8.72 | (846.) | 4190 | 1550mm | 344 | 6.06 | 26.0 | 268 | 361 | 401 | (*138) | 14.750 | 128 | 213 | 166 | No. | 50.5 | |
| arpa. | 36/17/15 | | 41.00 | 113 | NA | NA. | 121 | 1.53 | 1.61 | 8.6 | 240 | 3.46 | ALA. | 26.3 | 2340 | 206 | 764 | MA | ALA. | - NA | 604 | NA. | 585 | 182000 | Ask. | 0.626 | 16.6 | Ask. | 58.9 | o cetas | 40 500° | -0.250 | 40.3 | 26.1 | 54.8 | 636 | 57.4 | |
| 21/24 | *06FFT/TT | ROOK. | NA. | NA. | 62 | NA. | 148 | 5.1 | 2.07 | 429 | in | 265 | NA. | 44 | 144 | 198 | 166 | 194 | Spat. | AN . | 9:04 | 500 | 4830 | 68306 | MA. | 0.54 | 214 | 164 | 27.4 | 39 | 11.00 | 164 | 149 | 131 | No. | NA | 401 | |
| 21/2/40 | diritins. | | +150 | 16.3 | ALA. | PA. | 132 | 5.67 | 228 | | 221 | 4.0 | NA. | 28.7 | 2006 | 211 | 764 | 76A | NA. | 194 | 4:33 | 344. | ats | 122000 | 764 | 0.400 | 173 | Suk. | 8.00 | 0.081117 | +0.503 | -0.250 | 48.3 | 942 | | 664 | 485 | |
| 22 所以 22 所以 | 86/17/05 | CON | 11.00 | 163 | 6:E) Aut. | App. | 134 | 1.825 | 1.01 | 6.33 | 2.61 | 296 | SA. | 29.7 | 1540 | 164 | TMA. | NA. | NA. | NA. | 20 | 144 | 2710 | 17100 | HA. | 0.57 0.32s | 101 | NA. | 12.3 | 0.0M/12 | 10 000 | +0.000 | 26.7 | 20.4 | 17.1 | 14A 6.22 | \$7.5 22.5 | |
| 2234 | 061700 | HOON | 41.00 | NA. | G2 | DA. | 0.88 | 1.0 | 137 | 104 | 1.86 | 161 | THE. | 549 | NA. | NA. | TIA. | NA. | NA. | - NA | 142 | 194 | 2031 | 10006 | 764 | -91 | 306 | 744 | 384 | 181 | (41.88 I | *U.990 | 35.4 | 74.2 | 30 | FA | 67 | |
| 21(7-4) | 06/17/15 | | 2.82 | 25.4 | | zya. | 1.29 | - CD | | | | 3.20 | NA. | 30.5 | 1650 | .199 | NA. | NA. | NA. | NA | 281 | PA. | 354 | 19600 | NA. | 2.296 | .11 | Pak. | 34.6 | 0.03658 | +0.500 | +6.250 | 25-6 | 37 | | E41 | 54.8 | , |
| 17#4F | asmess | scon. | 160, | - 14 | 110 | 194 | 977 | 0 | 150 | 286 | 3.87 | 230 | W. | 0.4 | NA | NX | 76 | MA. | 10. | ia. | 046 | - | 28 | -00 | 100. | 105 | 10.6 | 10A 11 | 16.8 | +91 | THE REAL PROPERTY. | M | 63,6 | 747 | - | MA . | 301 | |
| 12.10 (12.2) | 06/19/19 | _ | .1100 | 17.6 | NA. | . Pak. | 0.546 | 0.905 | 0:343 | 246 | 1.16 | 1,27 | NA: | 50.8 | 342 | 187 | NA. | 964, | MA. | NA. | .44 | NA. | 127 | 343 | NA. | 0.395 | 11.2 | NA | .11 | 0.04257 | +0.500 | +0.258 | -25 1 | 45.7 | 243 | A29 | 34.4 | - 5 |
| PRICE | SECURIS | | 100 | - | 2 | - | 726 | 21 | 438 | 1.63 | 411 | 192 | | 22.6 NA | (\$10 | 763 | 264 | 8.8 | 90 | NA. | 2.62 | , MER. | 288 124 | 840 | 74. | 0.013 | 96.9 | - 10 | 10.3 | 0.03031 | 1130 | Hall. | 423 | -ay | 100 | 1.84 | 218 | - |
| 33 (1849) F-23 (449) | 00/19/15 00/19/15 | HET. | 5.17 MA | 101 | NA. | NA. | 259 | NA NA | 44 | 101 | 5.15 | 14.3 | NA. | NA NA | HAR. | 793 | NA. | NA. | NA: | 768. | 3.62 | NA MA | 24 | 345 | NA. | 0.013 | NA. | NA. | 10.3 | V00001 | +0.500 | +0.250 | 321 | 27 6 AA | 67.8 | 7/4 | 35.8 | |
| 12 (36-13) | 00/19/13 | | 100 | | Halles | | - lat | | - | | | | | - | - | | | | | | nume for syst as | | | | | - | | | | - | | | | | | | | |
| 11/H-40 | 961915 | _ | 100 | M | - 54 | 79.0 | 120 | NA. | NA. | 100 | 1 100 | 78. | - 44 | MA. | - 100 | 10X | NA . | NA. | 101 | NA. | TA . | - | 10. | - | TAL. | - 38 | 198 | n Min | 198 | NA. | 20, | - 184 | - ** | - 84 | 38 | NA . | 723 | |
| 27(03-84) | 06/19/15 | | 1.07 | 104 | | 368 | 6.10 | NA | | 2.18 | | 3.23 | NA | NA : | 2140 | 195 | NA. | NA. | NAC | NA. | NA. | 746 | NA. | 364 | NA. | 144 | HE | NA. | NA. | NA | 10, | 144 | NA. | NA: | | 210 | 34.5 | N |
| 21(22.20 | (Norman) | | | W | MA. | 30. | T.M | NA. | 58 | * | 544 | ni. | * | 246 | NA | NA | 36 | M. | NA. | ** | SIA : | _ Mi | NA. | 268 | 38 | 58 | 146 | M. | NA. | NA | - | | 64 | - 34 | 86. | 54 | 30.9 | - |
| 11(13-M) | :06/19/15 | HET . | 3.17 | 212 | 1946 | NA. | tan : | NK. | 166 | 2.73 | (4) | 470 | NA. | NA: | 2430 | 136 | NA. | NA. | 904. | NA. | :88. | 766. | NA: | 766. | 76A | NA. | 10% | 366 | C ROK. | HA. | NA. | NA. | 100 | 304 | 743 | 6.8 | G) | - 14 |

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 18, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No. 4851,39

Table 1 Page 4 of 5

| - | | | | | | - | | (r) | | Salinity | - | | | | | S = 1 | | Hydr | ecarbons | | | | | | | | Metais | | | | | | | | | Additional | Parameters | |
|--|----------------------|-------------|-----------|---------------------------------------|------------------|---------|----------|----------|------------|--------------|-----------|--------------|----------------|-------------|-------------------------------|------------|---------------------|----------------------|-------------------|------------------|-------------------|-----------------|-----------------|-------------------------|----------------|-----------------|------------------------------------|------------------|---------------|------------------|-------------------|-----------------|--------------------|---------------|-----------------|-------------------------|--------------|---|
| Sample ID / Depth | Sample Date | Sampler | Chioride | Chicriste | SPLP Chioride | Bromide | EC | ESP | SAR | Calcium | Magnesium | Sodium | SPLP Sodium | CEC | Bicarbone In (as CaCO3) | Suffate | TPH-GRO (CE-C18) | TPH-DRO (C10-C28) | TPH-ORO (>C28) | Dil & Grease | Total Arsenic | SPLP Arsenic | Total Barlum | True Total Barium | SPLP Barlum | Total Cadmum | Total Chromium / Chromium VI | SPLP Chromoum | Total Lead | Total Mercury | Total Telenium | Total Silver | Total Strpnstum | Total Zinc | Saturation % | pH (Saturated Paste) | % Maisture | Procional Organic Carbon (FOC) |
| | | | 20B | 9056A | 1312 | 9056A | 29B | 298 | 29B | 298 | 298 | 29B | 1312 | 298 | 23208 | 9056 | 8015B | TX1005 | TX1006 | 29B | 60108 | 1312 | 6010B | 298 | 1312 | 6010B | 60108 | 1312 | 6010B | 7471A | 6010B | 6010B | 6010B | 6010B | 29B | 298 | 2540G | Walk BI |
| - | | | meq/L | mg/L | mg/L | mg/Kg | mmhae/cm | % | N/A | me q/L | meq/L | meq/L | mg/L | meg/100g | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | * | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/Kg | nig/Kg | mg/Kg | mg/Kg | % | 6.6 | % | % |
| 18-34 (P-2) | demand | ECK. | - | NA. | 137 | SM. | 258 | 127 | 12.3 | tn | 118 | 21.4 | - 14 | Int. | 44 | NA | 100 | 10 | w | 765 | 146 | NA. | 497 | 7500 | PAA | 93 | 213 | 115 | 18.3 | 121 | C138 | - MAG | 71.3 | 712 | 190 | - 10 | 217 | NA. |
| 20-24/4-0 | 06/03/15 06/03/15 | HET: | 156 | 318 | 236 | PAR. | 130 | 76 | 127 | 588 | 1.45 | 17.4 | NA. | 35.8 | 1245 | 140 | NA. | NA AGA | 144 | FAA. | *3.00 | NA. | 167 | 401 | PA. | +0.500 | 16.3 | PAR. | 13.8 | DOMEST | < 1.00 | 11.25 MA | AS | 56 T | 364 NA | 6.to | 36.6 | NA. |
| 28-24/4-02 | 09/22/15 | HET | 26.6 | 565 | NA. | NA. | 329 | NA. | N/A. | 6.21 | 32 | 22.9 | NA. | NA. | 1290 | 183 | 160 | NA. | NA. | NA | 219 | · NA | \$2.4 | | NA. | 519 | 14,1 | PAR. | 921 | 0.00429 | +0.500 | 19.290 | 25.5 | 36.4 | 853 | 7.3 | 35.7 | PA. |
| 58-34(9-10) 58-34(9-10) | 96/22/15 | HET | VE.S | 437 | ANA . | 76 | 240 | EB NA | S.SA NA | 1722 A.17 | 4.17 | 124 | NA. | ZER NA | 335 535 | 221 | NA. | ANA. | NA. | 101 | 418 | NA. | - 00 | 311 | - MR | +65 | 122 | No. | 10.0 | +51 | * (M | NA. | 36.8 | 46.6 | | MA | 223 | 164 |
| IN DECIDENT | 90000 | IDON | to. | Page . | 200 | 344 | 100 | 745 | AA. | 104 | 94 | . NA. | 704 | | 939 MA | 100 | 244 | Aux. | NA. | NA RAN | 289 | NA. | 154 | .371 | NA NA | 0:196 BA | 9 AM | NA. | 7.17 | 10157 | +6 500 | +0.250 ma. | 25 6 | 22.2 | 52.2 NA | 1.17 | 281 | M. |
| SECULOR . | 06/02/15 | | 1.96 | 132 | NA. | NA. | 1,26 | HA. | NA. | 171 | 278 | 4.25 | NA. | MA | s tộc | 116 | NA. | PVA. | NA: | 194 | Na | 196 | NA. | 16A.1 | NA. | tia. | 166 | NA. | NA. | w | NA. | NA. | NA. | NA. | 40.8 | 741 | 26.1 | NA. |
| 58-34(39-22) | 06/00/16 | HET | 47 | NA 864 | Fail. | 744 | 0.924 | NA. | 194. | 351 | 1.85 | 20 | NA NA | NA. | 4060 | 37.6 | NA. | AUA. | M. | PAR PAR | NA. | - 14 | MA. | - 14 | M. | - 54 | - 144 | 504 | 58 | ** | M | 764 | 768 | - NA. | 168 | - 19 | 344 | - |
| 20-26 (9-2) | 06/05/15 | 1004 | HA. | 161 | 6.36 | 744 | COL | - | 100 | +100 | +100 | 606 | 100 | ALT | NA. | NA. | 99 | SCHOOL . | 414 | NA NA | 500 | - | - EE 80 | 34100 | NA. | +05 | NA. | NA SS | NA. | 105 | NA. | . 16A | 341 | 768 | 43.5 NA | 7.62 | 45 | FIA. |
| mapp | 0605/15 | HET | +100 | 160 | 766. | TA | 1.857 | M\$ | 127 | E417 | 0.313 | 7.6 | . NA: | 401 | 1920 | 26.8 | 164. | 239 | 90.3 | NA | +100 | NA. | 512 | 48900 | NA: | <0:500 | 31.3 | NA. | | 0.04925 | <250 | +1.25 | 105 | 49.4 | 100 | 8.72 | -968 | NA. |
| 25-316-22 | 96/05/15 | HET. | 2.82 | 60.9 | MA. | NA. | 0.997 | 1.00 | 1.0 | 172 | 210 | 217 | NA NA | 41.1 | 11A 113 | 317 | NA. | Page. | NA. | NA NA | 125 | NA. | TREE I | 1050 1050 | NA. | 100 | 15.6 | M | 147 | 0.00744 | -150 | PAA. | QA: | - | 111 | - N | 253 | 104. |
| 20-24 (4-4) | Objects | CON | 144. | HA | PAS. | FIA. | 3.61 | -1 | - till | 130 | 16 | 254 | His | 843 | TEA | NA. | 100 | MA. | MA. | NA NA | 607 | - 14 | 261 | 401 | MA. | +6.600 | 15.6 | AVA. | 165 | 0.00211 | <2.90 | +1.25 | 29.2 | 54.5 | 36.5 | 1.00 | 267 | NA. |
| 10-31 (4-0) | 98/25/15 | | | | | | | | | | | | | | | | | | | | une for spill and | elyes | | | | | | | | | | | | | | | | |
| 28-24(12-14) | 96/25/15 | HET | 1.84 | 79.5 | NA NA | AN. | 0.521 | 765. | NA. | 221 | 1.17 | 1.41 | HA. | TAR. | 1450 | 38.6 | 745 | 766 | NA. | NA NA | NA NA | NA NA | PAR. | MA. | NA. | NA. | - M | NA. | * | | * | - 14 | No. | - 24 | PM. | - 14 | 25.7 | - 10 |
| 09-28 (10-22) | 062515 | IODH | , NA. | 148 | FIA | 104 | 9.95 | 766 | THE . | MA | - NA | HA. | HA | PAA. | PAR. | - NA | NA. | MA. | - | MA. | 14 | NA. | MA. | - | TAX. | ALK. | NA. | RA. | - | ALE. | 294 | NA. | NA. | NA. | 365 | 18 | 23.6 | NA. |
| 28-24 (30-22) | 9995113 | | 1.41 | 28.9 | NA | * | 0.849 | NA . | NA | 4.54 | | 1.77 | TAX | 19.8 | 16/12 | 02 | NA: | NA | 194 | NA | NA | NA. | 144 | NA: | NA . | NA: | NA. | 766 | .94 | Apr. | NA | P/A | NA. | NA. | 262 | 761 | 17.6 | NA. |
| SB-27 (0-2) | 06/26/15 | HET | (64) | 10. | 633 | - 04 | 2,00 | 14 | 10 | 18 | - 1:00 | 264 | HA" | 611 | 264 | 264 | HA | NA. | NA. | Paulider 10 | 452 | | 25 | -101 | | UAI | 147 | - ** | 14.1 | 121 | -100 | NA. | 46.5 | CER | PAR. | 94 | 268 | - |
| SB-27 (4-8) | 06/28/15 | ICON | NA | M | DKC. | MA. | 125 | -11 | 2.13 | 531 | 2 86 | 4.1 | NA | 61.6 | NA . | NA . | HA. | MA | HA. | TIA. | 79 | HA: | 707 | 7100 | MAC. | -Ddw | or. | NA. | 14.7 | *** | = 200 | NA . | BE4 | - 27 | | MA. | 443 | M. |
| 1827/4-0 | 969815 | MET | | i i i i i i i i i i i i i i i i i i i | | | | | | | | | | | | | | | | | and for spirt and | _ | | | | | | | | | | | - | | | | | |
| 28-27(8-40) | 06 DU15 | HET | MA. | 66 | 67 | NA. | 031 | 00 | (3) | 216 | 168 | 100 | 164 | HL3 | | NA | HA | IM | 944 | Insufficient vot | ame for split and | thrus | 20 | 301 | MA. | 10 | 18.2 | MALE | 15.7 | STREET, | 1 | 10 | 411 | 551 | NA. | - 4 | 26.5 | - 14 |
| 38-27(16-66) | 05/26/15 | ICDN | MA. | - 70 | 957 | 195 | 289 | 3.6 | 147 | 2,35 | 1.06 | 195 | HA | 11 | NA. | PAR. | (MA) | HA | No. | NA | 226 | .146. | K. | 128 | 10. | 148 | 179 | NA. | 1.05 | A 117.1 | *1,00 | BA | 262 | 301 | - 44 | 344 | 204 | - |
| \$8-27 (14-18) | SECSYS | HET HOOM | 1.84 | 31.5 | NA NA | NA. | 0.644 | 0.0 | 120 | 1.56 | 2.39 | 1.42 | NA. | ALA COLA | 261 | 14.7 | NA. | * | PLA. | NA NA | 201 | NA. | 36.5 | 306 | NA. | <3.100 | 7.84 | T/A | 43 | +0.01336 | +0.500 | <2.250 | 12.3 | 22.8 | 34 | 179 | 19.1 | 746 |
| 18-29-97 | Owtfret | | 1700 | 12.5 | NA. | rut. | 1.07 | 2.95 | 42 | 249 | 1.85 | 7.62 | TAA . | 513 | 3.6 | 740 | 244 | -22.0 | 425.0 | 9.51 | 1.86 | NA. | 70 | Ma | DA. | 4 0 E | 135 | NA NA | 49.3 4-07 | 001867 | -1.500 | -0.200 | 22.1 | 26 | HA. 98.7 | E 99 | 627 | AN PA |
| 製品を力 | motors | COK. | 164 | M | NA. | - MAX | 3.84 | 13 | 28 | 10 | 141 | 42 | PM. | 65,5 | Ask. | NA. | MA. | 105 | NA. | 795 | 254 | - NA | 770 | 437 | 344 | +100 | (30) | NA. | 34 | +64 | - LW. | nia. | MA | 421 | MA. | 344 | 50.4 | M. |
| mana. | mount | HET | +100 m | 6.32 | FED : | TAR. | 979 | 15 | 211 | 231 | 1297 | +63 | NA. | 37.6 | 101 | P.A. | NA. | 156 | 43.3 NA | 0.86 MA | 3.00 | NA. | 201 | 171 | NA. | 0.381 | 5.03 | NA. | | 6:65373 | 0.525 | <250 | | 391 | 70.1 | 471 | 49.4 | 741. |
| 29-29/0-25 | 101415 | iet | 1.67 | 10.2 | NA . | NA. | 1.11 | 348 | 437 | 241 | 1.74 | 6.58 | NA. | Q1 | 2.6 | 3.6 | 194 | -25 | 425.0 | +6.16 | -5.66 | NA. | 95 | 485 | NA. | <0.50 <0.500 | 126 | NA NA | 10.3 | 0.03111 | <2.90 | 41.25 | 38.8 | 45.9 | NA. | 1.02 | 12.1 47.6 | 74 |
| 18304 | 1014/5 | 100% | 100 | M | 136 | 79. | UN. | 23 | 6.33 | 815 | 144 | 847 | NA. | De | FIFE. | NA. | PAR . | NA. | MA . | - 85 | 83.4 | | 201 | 777 | - 144 | +0.50 | 1112 | 264 | 193 | +01 | +130 | 144 | 51.0 | 50 | 165 | 344. | 40.1 | 246 |
| 19-29/2-0 | 10/14/15 | HET HOME | 2.26 | 19.2 | -8.00 | TAN. | 0.00 | 43 | 641 | 1100 | 4500 | 6.00 8.76 | MA. | MI | 16 | 531 | NA. | 125.0 NA | +25.0 | 3.19 | +5 O1 | NA. | 201 | 557 274 | NA NA | <0.500 +9.80 | 11.0 | NA. | 111 | 0.07994 | 1250 | 11.25 | 40.3 | 44.5 | 842 | 1.62 | 417 | 344 |
| 20-29 (4.4) | 10/14/15 | 161 | ×1:00 | 9.58 | NA . | 761 | 6759 | NA. | NA. | 129 | | 620 | NA. | 766 | 12 | 2.55 | NA. | +21.1 | <25.0 | +0.75 | 400 | NA. | 107 | 178 | 164 | 40 500 | 16.8 | - | | 0-01800 | 12.50 | 1123 | - 28 - 28 | 40.1 | MA 2 | 7.27 | #3 | 34 |
| TEXPLE. | 201710 | KOW | 101 | NA. | NA. | - March | 04 | | -48 | 3/11 | **(00 | 661 | -14 | 21 | 7AA | 101. | 144 | Tips. | 166 | 1.55 | E94 | 184 | -16 | 268 | THA . | 10.00 | 16.5 | 745 | 16.5 | +81 | *100 | - M | 164 | 265 | DA. | MA. | 41 | Park. |
| 10-31(6.0) | SETTING | HC1 CON | 41.00 | 10.7 | 20.2 | NA: | 174 | 2.10 | 1.00 | 12.4 | 146 | 2.0 | NA MA | 29.2 | 7 | 9.02 | NA. | +25.5 PM | 125.0 | 40 10 AAA | 4.01 | NA. | 61 | 11800 | NA. | 6.386 40.80 | 19.7 | NA. | 35.6 66.8 | 0.05768 | 0.14 | +0.250 | 443 | \$1.3 | 802 | 449 | 41.5 | NA. |
| 38-31/6-25 | 19/14/15 | | 73.45 | -T.00 | No. | 10. | - 69 | 0.838 | atta | 6.53 | 144 | 107. | NA: | 41.5 | 44 | 436 | NA. | +28.0 | 125-3 | +0.10 | +5.00 | ThA. | 82.6 | 263 | - MA | <5.000 | 14 | | | 0.00565 | - CSH -2.50 | 1125 | 215 | 32.3 | 88.7 | 1.91 | 66.3 | NA NA |
| 2000年2日 | 197413 | QUA. | 44 | ** | 520 | -44 | 024 | 64 | 125 | 3.37 | Lan . | 201 | NA. | 79.2 | M. | 198 | - 34 | w | 100. | NA. | 394 | M. | 126 | 265 | -M | 42 | 0.1 | XA. | 14.8 | A @ 18 | TERM! | 964 | 22.2 | - 8 | N/A | NA. | 11.0 | NA |
| 20-37/0-23 38-37/2-40 | 10/14/15 | HET SCON | 1.63 | E43 | NA. | NA. | 1.07 | 19 466 | 33 | 3.62 | 3.23 | 129 | NA MA | 20.1 | LI RE | 144 | NA. | 121 | 125.0 | 8.94 | +100 | NA. | 20 | 372 | NA. | <9.900 40.92 | 100 | NA. | 101 | 003891 -0.11 | <238 #188 | 0.25 | 14.6 | 97 | 754 | 3.54 | 40.3 | NA. |
| 10-12/0-4 | 19/14/15 | - | Y.00. | 6.4 | F&A. | NA. | 0.84 | 1.00 | 134 | 105 | | 111 | NA: | 17.5 | 23 | 210 | NA. | -25¢ | 125.0 | +0.4a | +5-00 | 746 | 125 | 309 | NA. | 45 500 | 942 | NA. | | 0.01827 | +2.50 | 11.25 | 207 | 93 | 843 | 571 | 12.0 14.3 | FAA. |
| 28-17-0-21 | BINGS | CON | 48 | NA. | 325 | Mary 1 | 66 | 26 | 2.86 | 141 | 1.83 | 268 | - 14 | | NA. | .NA | NA. | w | - 44 | 24 | 435 | NA. | 1888 | 7935 | -34 | 49 | 16 | - 44. | 36.8 | -41 | 223.00 | - 70 | 383 | 50.1 | 100. | 194 | 41 | - HA |
| 18-32 作品 20-34 在3 | TOTATS | HET HOOM | 11.00 | 7.74 764 | NA. | NA. | 091 | 106 | 122 | 244 | 24s | 266 | NA NA | 23.6 | 3.8 34k | 7.07 NA | NA. | +254 MA | +25.0 844 | 10 10 MA | *1.00 E03 | NA. | 712 | 26200 | NA. | +2 500 +2 82 | 213 | NA NA | 26.4 | COHER | 12.60 | 11.25 | 38.3 | 123 | 17.1 | £.17 | 473 367 | NA. |
| Man of the same of | 1974/15 | HET | 201 | 27.6 | NA. | 144 | 1.06 | 1.87 | 1,74 | 101 | 247 | 347 | NA. | 33.2 | 43 | 2.85 | NA | -25.0 | 129.0 | +0.12 | 25) | 744. | 1420 | 13300 | NA. | +0 500 | 36.3 | NA. | 412 | 0.001 | 4210 | +1.25 | 12.2 | 79.6 | 101 | 421 | 201 | NA . |
| 38-31/3-6 | 10/14/55 | KON | - | M | 96.8 | - PAL | 381 | u | 2.48 | ZH. | 134 | 021 | TEA | 29.7 | MA C | Jun . | - 14 | NA. | 164 | MX | 425 | 100 | 2 | 875 | 74.7 | <360 | 41 | - 44 | 93 | 4040 | ATM | ==#.D* | 455 | 123 | - 44 | - 14 | 23 | 266 |
| 28-34(2-4) | 1071415 | HET | 2 96 | 16 A | 465 | 10 | 0 902 | 247 | 287 | 231 | 162 | 433 | NA. | 21 | 34 84 | 127 | NA. | <25.0 | 4260 | 40 10 Aut | +5 00 5.54 | *** | 540 | 1340 | NA. | +0:500 +0:50 | 19.6 | NA . | - | 0.03348 | *E80 | +1(25) | 34 | 518 | 86.4 | 765 | 361 | NA. |
| IS HITE | 10/16/15 | | 178 | 191 | NA. | NA. | 1.19 | NA. | 148 | 403 | 216 | 1.0 | TAL. | NA. | 24 | 3.81 | TAA . | -25.0 | *25.G | +0.10 | +100 | NA. | 147 | | NA. | rii 500 | :16.1 | NA. | 12.8 | 003045 | *1.00 *1.00 | 1125 | 38 30.3 | 59.4 | 91.8 | 749 | 30.8 | - MA |

State of Louisiana and the Iberville Parish School Board vs, BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No. 4851,39

Table 1 Page 5 of 5

| | | | _ | | | | | | - | - 3 | alimity | | | _ | | | | | Hyd | scarbone | | | | | | | | Metal | | | | | | | - 5 | ii | Additional | Parameters | |
|----------------------|----------------|---------|----------|--------|------|--------|-----------|------|-------|-----|---------|------------|--------|----------------|----------|-------------------------------|---------|---------------------|----------------------|-------------------|-------------|------------------|-----------------|-----------------|-------------------------|----------------|------------------|------------------------------------|------------------|---------------|------------------|-------------------|-----------------|--------------------|---------------|-----------------|-------------------------|------------|--|
| Sample ID / Depth | Sample Date | Sampler | Chloride | Chiode | SPLP | Branid | EC | ESF | | SAR | Calclum | Magsashire | Sodium | SPLP Sodium | ŒC | Bicartone to (as CuCO3) | Sulfate | TPH-080 (C6-C10) | 7PH-0RD (C10-C21) | 194-ORO (>C28) | OS & Grease | Total Areenic | SPLP Arsenic | Total Barium | True Total Barlum | SPLP Barlum | Total Cadmium | Total Chromium / Chromium VI | SPLP Chromoum | Total Leed | Total Mercury | Fotal Salanium | Total Silver | Total September | Total Zinc | Saturation % | pH (Saturated Pasts) | % Moisture | Praction Organic Carbon (FOC) |
| | | | 208 | 905EA | 1312 | 9056A | 298 | 298 | | 298 | 298 | 298 | 29B | 1312 | 29B | 23208 | 9056 | 8015B | TX1005 | TX1006 | 298 | 6010B | 1312 | 8010B | 298 | 1312 | 6010B | soton | 1312 | 6010B | 7471A | 6010B | 6010B | 5010B | 6010B | 2019 | 298 | 2540G | Walk B |
| | | | meg/L | mg/L | mg/L | mg/Kg | members's | - % | | NA | meg/L | meq/L | meg/L | mg/L | mag/100g | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | туКа | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | % | #.M. | * | * |
| 103(62) | SPAIN | E08 | 16. | - | 131 | - 14 | 0.42 | 96 | | 138 | 1.64 | 116 | 199 | 584 | 57.8 | 50 | RA. | NA. | | NA. | NA. | 3.28 | - 16 | 79 | 401 | EA. | 48 | 133 | 98. | 17 | +630 | < 1.00 | 684 | - 41 | 547 | 166 | 160 | Qf | - 54 |
| 28 19 (0-2) | 10/14/15 | HET | 1.00 | 122 | NA | NA. | 0.978 | 0.86 | 7 | 214 | 5.09 | 374 | 1.00 | NA. | 263 | 5.1 | 234 | NA | 125.0 | +26.0 | 10.10 | -5.00 | . NA. | 307 | 739 | NA | <2.500 | 18.1 | NA. | 13.4 | 2:04195 | ·2.50 | < 25 | 29.4 | 47.9 | 77.K | 8.00 | 45.8 | NA. |
| 20-39/2-0 | TOTATS | 1000 | NA. | 164 | 7.00 | - 4 | 9.67 | 2.8 | N. 12 | 185 | 281 | 105 | 198 | -84 | mr | NA. | - BA | NA. | - 04. | NA. | NA. | - 635 | 765 | 227 | 427 | BA | -0.9E | 123 | TAX . | 11.8 | 16.10 | *18 | TER. | 41.7 | 361 | NA I | 164 | 461 | PA 1 |
| 30-10-10-0 | 13/14/15 | HET | 7.03 | 14 | NA | NA. | 0.872 | 0.35 | 25 | 126 | 6.3T | 24 | 23 | HA. | 67.8 | 4.8 | 279 | PAR. | 125.5 | 125.0 | 10.10 | +5.00 | NA. | 190 | 438 | NA. | < 500 | 0. | NA. | 104 | 0.03808 | +2.50 | 41.25 | 23.9 | 49.9 | 825 | 62 | 45.5 | NA. |
| 36-35:54-6 | 10/114/15 | TOOM | 144 | NA. | 6.09 | - MAY | 044 | 2.3 | | 219 | 2.84 | +1.00 | 14 | 34 | 79.3 | NA. | RA. | jak. | - 74 | HA | - 14 | 122 | - M | - Ct | 200 | TA. | 169 | 111.9 | 188 | - 4 | PE.35 | × 139 | THE. | 39 E | 10.2 | NA. | 765 | 638 | - TA |
| 10-35(44) | 10/14/15 | HET | <1.00 | 129 | NA | NA. | 0.658 | NA. | | NA | 2 08 | 1,14 | 2,11 | NA. | NA | 18 | 1(0) | NA | 125 1 | +25 🗈 | +0.10 | \$55 | NA. | .196 | 432 | NA. | +2.000 | 12.1 | NA. | 11.1 | 0.03207 | +210 | +125 | 28.1 | 48.1 | :86.8 | 221 | 467 | NA. |
| Marke | 891405 | XXXX | 0.18 | NA. | 12.6 | - | 6.38 | - 84 | | 10 | 3.67 | 1.96 | 1,82 | MA. | 14.7 | - 24 | MA. | 164 | 24 | NA. | 88. | 255 | 744 | 761 | 28 | TAA. | 400 | 121 | MA. | 15.6 | 1518 | <1.95 | | 265 | 12.5 | 546 | A/A | 562 | 14 |
| 10-34 (0-2) | 19/14/15 | HET | 197 | 19 1 | NA. | NA. | 0 882 | 0.83 | 5 | 1 | 4.51 | 2 72 | 1.84 | NA | 38.1 | - 3 | 3 69 | NA. | 125 | +25 D | +0 10 | <5.00 | NA. | :116:: | 383 | NA: | <0.000 | 315 | 2860 | 8.64 | 0.02182 | 1250 | +1.25 | 20.4 | 12.6 | 855 | 14 | 55.7 | NA. |
| Maximum | 14/4 | 166 | 401 | 10500 | 4040 | 7406 | 46 | 54.6 | | 127 | . 90's | - 4 | 343 | 400 | 103 | 15200 | 806 | Na. | 5000 | 4310 | 438 | 53.6 | 168 | \$190 | 182000 | 164 | 0.82 | 229 | NA. | 200 | 0.16 | £36. | NA. | 341 | 20 | 179 | A27 | 86.1 | A/A |
| Librori Standards | N/A | N/A | N/A | N/A | NA | N/A | - 4 | 25 | | 14 | N/A | N/A | NIA | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 661 | 6 | NA | NA | 20000 | N/A | 16 | 500 | N/A | 500 | 30 | 19 | 200 | N/A | 500 | N/A | 6-9 | N/A | NA. |
| Innterior * | N/A | N/A | , N/A | N/A | 1000 | N/A | N/A | N/A | | N/A | N/A | N/A | N/A | (100 | N/A | N/A | N/A | 65 | 65 | 190 | N/A | 12 | 617 | 550 | N/A | 40 ' | 39 | 100 | 12 | 100 | 23 | 20 | 39 | N/A | 2000 | N/A | NA | NA | 748 |

| | | | | | | | | | | | | | | | | | , | Iddiconal Pa | Warnettera | | | | | | | | | | | | | |
|-------------|-----------|---------|---------|----------|--------------------|------------------|---------------------|---------------------|--------|----------------------|----------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|-------------------------|------------------|------------|-----------|-----------------------|----------------------|-------------------------|-----------------------|----------|-------------|--------------|----------|-----------------------------|-------------|--------------|-------|
| | | | | 20 | EX. | | | VPH | | | | | ЕРН | - | 111 | | | | | | | | | | PAH | | | | | | | |
| Sample (D / | Date | Sampler | Bungana | Tulicane | Estryi- benzene | Total Xyferma | C6-C2 Aliphatics | CB-C10 Allphatte | C8-C10 | C10-C12 Allphades | C10-C12 Aromatica | C12-C16 Allphatics | C12-C16 Aromatics | C16-C21 Aromatics | C16-C35 Atjunutics | C21-C35 Aromatics | 2- Methylnsphthalens | Ace naphthene | Acu | Anthracen | Benzo(a) anthrecem | filemro(e) pyrane | Benzo(b) Ruoranthene | Benzo(k) fluoranthene | Chrysene | Dibenz(a,h) | Fluoranthene | Fluorene | Indeno (1,2,3-cd) pyrane | Naphthalane | Phenanthrane | Руга |
| Depth | | | \$260B | 8260B | 12500 | 82608 | TX1006 | TX1006 | _ | TX1000 | TX1006 | TX1006 | TX1006 | - | TX1006 | TX1006 | 82708 | 8270B | 8270B | 8270B | 82708 | #Z788 | 82708 | 82708 | 82708 | £270B | \$2708 | 8270B | 82708 | 8270B | 82708 | 8271 |
| | a maria | | mg/Kg | maKa | mg/Kg | mg/Kg | трКи | mg/Kg | matta | mgKg | myKg | mpKg | mprita | mg/Kg | mg/Kg | mgKg | mpKg | mpitip | mgKg | mgKg | mpKg | mgKg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mpKg | mp/kg | ing/ |
| DE LIE 49 | ברפוים | HET | NA | 568 | TEA. | TAA. | 768. | NA. | Tuk. | *25.0 | +250 | <25.0 | 125.0 | +25.6 | 450 | 425.0 | 368 | 164 | HA. | NA. | 198. | NA. | NA . | 144 | 164 | NA. | - NA | . 56 | 100, | 164 | 544 | NA |
| 38-1(22-04) | 65/15 | TSH | NA. | NA. | PA. | HA. | NA. | NA. | NA. | <25-9 | 125.0 | 410 | 125.0 | 125.0 | 125.0 | +25.0 | NA. | - NA | NA. | 116 | 168. | HA | 194 | NA. | 164 | N/A | 34 | 165 | 168. | NA. | NA. | No. |
| 19-2/4-07 | 2/10/15 | HET | NA. | 50. | NA. | 74. | NA. | NA . | N/A | +25.0 | -25.0 | +25.0 | 125.0 | 45.0 | - 125.0 | -254 | , AUX | 168 | 161. | 164. | 164 | 744 | 146 | 144 | HA | NK. | NA. | NA | NA. | NA. | NA. | 198 |
| 20-2(2-4) | 2rtM15 | HET | 148 | NA | NA | 16A | NA . | NA. | 164 | 563 | 40.3 | 601 | 428 | 2805 | 8826 | 2111 | 244 | .144 | 79A | HA. | HA | NA | NA. | 164 | NA. | 148. | NA. | tus. | 164. | 364 | - 144 | 194 |
| maried, | 21115 | HET | 144 | - NA | 55. | 798. | AA. | XA. | 1 86 | 30.2 | 1.25 | -200 | \$4.7 | 343 | 901 | 280 | 144 | NA. | NA. | . NA | 164. | NA. | 144 | NA. | 794 | 145 | 198 | NA. | 168. | NA. | 166 | 146 |
| 20-414-41 | \$111/15 | HET | NK. | NA. | NA. | NA. | 101 | NA : | HA | 36.4 | 26.0 | 347 | 129 | 1170 | 2160 | 369 | 194 | :54A | NA. | 74A | . NA | NA: | NA: | 164 | HA | NA. | NA: | . tus. | 168. | NA. | 944. | 154 |
| 39-747-4-19 | 2/19/15 | HET | 144 | NA | 244 | 744 | 544. | NA. | NA. | 1250 | 125.0 | <29.0 | +25.0 | 125.0 | 125 | 29.6 | NA . | 166 | NA. | NA | 168. | NA. | NA: | 101 | 764 | NA. | NA. | NA. | TA. | . 164 | 164 | NA. |
| ED-28 (D-2) | 605/13 | HET | 100 | NGR. | 366 | NA. | 346 | NA: | NA. | 45.5 | + 250 | 324 | 305 | 59.8 | 145 | 122 | NA | 166 | 766 | 76A | 144 | - NA | NA. | NA. | NA. | NA. | NA. | 144 | HA. | 445 | 166 | 100 |
| 3831/1-4 | 9/17/15 | HET | MA | 344 | NA. | MA. | NA. | NA. | NA. | -250 | <25.0 | <25.0 | ¥25.0 | 125.0 | 435.0 | -25¢ | NA. | NA. | ANA. | NA. | 168. | NA. | 34 | 194 | TAK: | NA. | NA. | 168 | 168. | NA. | 40. | 144 |
| 10.29(0.2) | Sestes | HET | NA. | Pak. | 3(4) | NA: | ten. | 3M | NA. | <22.0 | +250 | 60.4 | +21.0 | 125.0 | 457 | 125.0 | NA. | HGK. | 346 | 766 | NA. | NA: | 366 | 94. | 104 | 56. | NA. | NA | NA. | HA. | NA. | No. |
| 10.29/02 | WITES | HET | - ALL | 764 | ALA, | AA. | NA. | NA. | NA. | <25.0 | 125.0 | 425.0 | 125.8 | 125.8 | 425.8 | 4258 | NA. | 164 | NA. | NA. | NA. | TiA. | 16 | NA. | NA. | N/K | 24 | 168 | 194 | 195 | NA. | 195 |
| 56.29 (P-4) | 30/14/05 | HET | NA: | 168. | 36A | PA : | NA. | NA. | NA | <23.0 | :4250 | <25 0 | *25.0 | 125.0 | 125.0 | (23.0 | NA. | 149. | NA. | NA. | Ha. | 30A | 16. | NC | 16A | NA. | 146 | NA | 168. | NA. | NA. | NA. |
| 28-21/4-0 | 3974/35 | HET | 164 | 144 | 144 | 244 | NA . | NA. | NA. | 125.0 | <25.0 | 450 | 125.0 | 125.0 | 43.9 | 125.0 | NA. | 166 | ASA. | NA | NA. | 544. | NA. | 144 | MA . | NA. | 34 | 108 | 168. | NA. | NA. | TA. |
| 38-30-0-1-0 | -3017015 | HET | /NK | NA. | NA. | 2NA | 794. | NA.C | NA. | 420.0 | (26.0 | 420.0 | +25.0 | 434 | 955 | 123.0 | ALE. | - 164 | 766. | NA. | NA. | TUA : | 16 | 148. | NA. | NA. | NA. | 164 | 168 | NA. | 144 | NA. |
| 28-31/9-22 | 10/14/15 | HET | NA | 764 | . ALA | NA. | 764. | . NA | 16A | +25.0 | <550 | 410 | +25.0 | (25) | 425.0 | 425.0 | NA. | 166 | MA. | NA. | NA. | Tuk. | 146 | - 14 | MA. | NA. | NA. | 165 | NA. | NA. | les . | 100 |
| 18-31 (6-2) | 10/14/15 | HET | NA. | IN. | NA. | NA. | NA. | NA. | NA. | <25.0 | 425.0 | +25.0 | *23.0 | 105.0 | 425.5 | 423.0 | NA. | N.C. | 144. | NA. | 608 | Sub. | No. | 144 | NA. | 165 | NA. | 166 | NA. | lsa. | NA. | NA. |
| 39.37(0-4) | 10/14/15 | PET | NA. | No. | AUA. | AA. | 764 | 70A | NA. | 425.0 | <25.0 | 425.0 | 105.0 | (25.0 | 428.0 | 425.0 | NA. | 164 | NA. | NA. | NA. | 744 | 56 | NA. | SM. | 16 | NA. | - 548 | NA. | 565 | 36. | NA. |
| 18-33/9-2 | 13/14/15 | HET | NA: | NA. | NA. | NA. | NA. | NA. | NA. | (25-5 | 125-0 | +25.0 | 125-0 | 425.2 | -251 | v25.0 | NA | NA. | NA. | NA. | NE | 766 | 146 | NA. | AA: | 140. | 36 | 168 | No. | 168. | No. | 146 |
| 38-3478-35 | 10/14/15 | HET | NA. | tia. | 114. | Tab. | 764 | NA. | 144 | *25.0 | 125-0 | 125.0 | +25.0 | 125.0 | 125.5 | 125.0 | NA. | 144. | 245 | NA. | NA. | TAX. | - 14 | NA. | - 14 | 746 | 104 | 166 | 168 | 54 | NA. | NA. |
| 18-34/2-0 | 13/16/15 | HET | NA. | 348. | NA. | NA. | 766 | NA. | 166 | 1250 | +25.0 | +25.0 | +25-0 | 953 | 425.0 | 125.0 | NA. | 164 | NA. | NA. | NA. | NA. | 760 | NA. | NA. | 146 | NA. | No. | NA. | 105. | 105 | 146 |
| 28-34/4-0 | Torrants. | HET | 24 | 165 | 768. | 162 | 794 | NA. | 195 | <23.0 | 125.0 | 120.0 | +25.0 | 125.0 | 425.5 | +25.0 | NA. | 144 | 14 | NA. | 714 | 168 | 14 | NA. | 764 | 76 | M. | NA. | NA. | NA. | NA. | NA. |
| 10.00.00 | 15/14/15 | HET | NA. | 166 | NA. | 716 | 794 | NA. | 194 | 1210 | <25.0 | -25.0 | 425-9 | +25.0 | -250 | +25.0 | 144 | 166 | 104 | NA. | NA. | tuA. | 140 | NA. | NA. | | 100 | NA. | NA. | NA. | 548 | NA. |
| 36-36(2-4) | morett. | HET | NA. | Aut. | NA. | No. | 748 | 198 | 144 | 1210 | 1250 | 1210 | 125.0 | 125.5 | 43.2 | +25.0 | NA. | tis | 14 | 84 | 1 14 | The . | 14 | NA. | - m | | - | NA. | NA. | | - | 1 100 |
| 28.25(4.0) | IDITATIS. | HET | NA. | 548 | Tab. | THE | 765 | THA | 544 | <25.0 | 425.0 | 175.0 | 125.0 | 951 | 425.0 | 125.0 | 745 | 168 | 14 | - MA | NA. | 166 | 100 | 164 | NA. | 56 | | NA. | NA. | 164 | 144 | NA. |
| 10-78-92 | 101415 | 1457 | NA. | 744 | NA. | NA. | 765 | 790 | 798 | -25-0 | 125-0 | 125-0 | 125.0 | -05.6 | -251 | +25.0 | NA | 144 | 744 | NA. | 166 | 746 | 100 | - m | THE. | | - | | 100 | 34 | 34 | - MA |
| Missioner . | 701013 | 198 | N/A | No. | TUR. | TAR. | NA. | NA. | NA. | M.s. | 40.9 | 601 | -cri | 2836 | 4131 | 210 | No. | TEX. | NA. | 160 | run. | 100 | 744 | WA. | 149 | NA. | NA. | NA. | NA. | 160 | | 169 |
| REGAP | _ | _ | _ | | _ | _ | - | _ | | _ | | _ | - | | - | - | | _ | | _ | | _ | | | _ | | | _ | | _ | . NA | _ |
| Company 2 | 10/20/03 | N/A | 0.001 | 20 | - 18 | 18 | 1200 | 120 | 65 | 230 | 100 | 276 | 182 | 150 | 7100 | 180 | 12 | 220 | 88 | 120 | 142 | 0.33 | 0.62 | 6.2 | 62 | 3.15 | 220 | 230 | 0.62 | 75 | 660 | 230 |

I. IXCR Statemeter Criser 20-th standards for Elevated Freshmane Welland shart for reference purposes only.
 I. IXCR Statemeter Criser 20-th standards are Faste 1 of IECAP for comparison outgoined only.
 IX SCAP Non-Incurring Screening Standards are Faste 1 of IECAP for comparison outgoined only.
 IX SCAP Non-Incurring Screening Standards are Faste 1 of IECAP for comparison outgoined on STAP freshmands standard only of IX SCAP Standards and IX SCAP Standards Screening Standards on IX SCAP Scape Screening Standards or Table 1. Non-Indicated standards on STAP freshmands that Enter Scape Standards or STAP freshmands on IX SCAP Scape Scape Standards or IX SCAP Scape Scape Standards or IX SCAP Scape Scape Scape Standards or IX SCAP Scape Scape

Groundwater Analytical Summary - ICON Investigation

State of Louisiana and the liberville Parish School Board vs. BP America Production Company, et al. Section 14, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No. 4651,35

Table 2 Page 1 of 1

| | | | | | Sati | mity | | | | ar | ex . | | | (paracerbon | t | | | | | | | | M | ntale | | | | | | | | ARe | tinity | RedA | am |
|------------------|----------|---------|-----------------|---------|------------|-----------|-------|--------|----------|----------|----------|------------------|--------------------|-------------|----------|---------|--------|--------------|---------|---------|-------|--------------|-----------|-----------|-----------|-----------|----------|---------|-------|-----------|----------------|-----------|-------------------------|------------|-------|
| Vall Number | 200 | Sampler | Chloropy | Branise | CHE! Ratio | EC | TOS | | Settime | Titluete | Emys | Front Andreas | IPH-GRO ICS-C1D | TPH DITO | TPHI GRO | Arrente | Barton | Cudnium | Culture | Chamin | iren | Level | Magnessum | Mangenese | Hercury | Patasarum | Serentum | Silver: | Sodem | Streeture | Zine | Alteinty. | Attainety, Curbonate | Radium 228 | F3-50 |
| cream Interval) | Date | 2311 | 90664 / 9063 | ROBEA | N/A | 2810/8 | 2540C | RONGA | 902YA | anten. | 8025B | #02±8 | 40/6S | #DFSB | 82108 | 40108 | 4010B | 60108 | 60108 | 60108 | 60108 | 4010B | 60108 | 60108 | 7470A | 60108 | 60108 | 80108 | 80108 | 60108 | 601 <i>0</i> B | 2320B | 23208 | EPA 903.1 | EPA I |
| | | | mg/L | ingt | MA | mental co | mpt | mpt. | mg/L | angriL. | mg/L | myt | myt | mg/L | mg/L | mpt | mg/L | mg/L | mg/L | mg/L. | rng/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | pcvL | pC |
| 8-1 (NA-28) | 6805 | ICON. | 1000 | =4 | 164 | ALX. | time | 4125 | 8.0416 | +0.01 | <:0005 | +005 | 2.17 | 2.87 | 8.21 | 5317 | 122 | ¥3000 | 523 | + Acr | E/X | +601 | 795 | 3.81 | -0.0000 | -600 | - 64 | NA | 223 | 3.0 | 0.012 | 136 | 20 | 1,00 | - |
| -1 (18-38) | 6/8/15 | HET | 976 | 1.7 | 574 | 4 64 | 2210 | +025 | 0.0557 | < 0.0050 | < 0.0050 | 0.0006 | 6134 | 1.98 | < 0.14 | 0.0315 | 1.34 | < 0.0050 | 534 | + 0 040 | 68 5 | < 0.010 | 191 | 13 | < 0.00020 | 2 88 | 4.0050 | + 0.019 | 271 | 3 48 | = 0 060 | 1070 | #50 | 2 92 | -1. |
| (/WHIG | 6/8/15 | HET | NA | NA | DIA: | NA | NA | NA | NA | NA | NA | 164. | NA . | NA . | NA . | 0.0344 | 1 34 | < 0 0060 | 524 | = 0 040 | 65 | < 0 010 | 159 | 3.58 | < 0.00020 | 275 | = 0.050 | # 0 010 | 267 | 2.43 | = 0.060 | NA. | NA. | NA. | |
| 4 (15-30) | 69015 | (CON) | 26300 | NA. | :NA: | NA. | 4000C | +25.0 | care - | ×0.01 | CODE | <0.00 | 1.82 | 5.34 | BAT: | <022 | 14.80 | < 0.005 | 1400 | -0.01 | .92.4 | * 0.01 | 200 | 6.06 | < 0.0002 | 101 | NA. | HEA | 15400 | 199 | 0.016 | 600 | 710 | 27.1 | |
| F-II (15-20) | 6/4/15 | HET | 25900 | 53 1 | 488 | 1 22 | 46100 | < 0,25 | 0 384 | 0 0034 | 0 0771 | 0 031 | 1.63 | 16.9 | 2.47 | 0.0914 | 5 65 | < 0 0050 | :1150 | +0.042 | 47.2 | < 0 050 | 214 | 4.3 | < 0 00020 | 423 | 0 253 | 10010 | 13100 | 148 | 6.356 | 852 | -50 | 24,7 | 11 |
| S primary) | 6/4/15 | н€т | fék. | NA. | NA NA | n/A | NA | NA. | NA . | NA | NA | NA | NA | NA | NA | 0,0999 | 5.74 | < 0 0050 | 1130 | = 0 040 | 45.5 | < 0.050 | 210 | 4.11 | < 0.00020 | 38 8 | 0 272 | 4 0 010 | 12800 | 151 | < 030 | NA: | WA | NA | |
| 6-0711/AZ | BYUS | 1004 | E3200 | MA. | NA | 268 | 34000 | 431 | +0.000 | - 0.01 | +0.00E | - 00E | ×0.15 | 0.17 | 4812 | 10.51 | 2.89 | <0.005 | 2000 | ~ tion | 323 | Abbt | bet | 20.4 | + 2.0002 | 11.4 | | MA | 2500 | 18.5 | 0.052 | 475 | - 12 | 127 | - 1 |
| B-0 (11-10) | 8/11/15 | HET | 11600 | 35 1 | 550 | 30.4 | 34400 | 392 | < 0 0050 | + 0 0050 | < 0.0050 | < 0 0090 | = 0.10 | 0,566 | < 0.14 | 0,0514 | 2.21 | < 0.0050 | 2650 | = 0 040 | 342 | < 0.010 | 672 | 21.7 | < 0 00020 | 9 05 | 0.135 | +0010 | 2980 | 23 5 | = 0 080 | 150 | ≈ 50 | 347 | 0.0 |
| a (Filtered) | 8/11/15 | HET | NA | NA | NA | NA | NA | NA. | NA | TWA | NX | NA. | 164 | INA | TIA . | 0.046 | 3.27 | < 0.0050 | 2610 | = 0.040 | 330 | < 0.010 | 856 | 21.2 | < 0.00020 | 3.45 | 0.129 | 40,010 | 2960 | 23.6 | + 0.060 | NA. | NA | 94A. | 1 8 |
| H (24-24) | 8/97/05 | 100N | 209 | 786 | HA | HA: | 1940 | 9.78 | +0.00h | +0.01 | +0.000 | =00h | + E.16 | 1.06 | 9.72 | 6.09 | 2.04 | < 0.000 | 311 | 0.12 | 122 | 6.063 | 130 | 2.63 | + 0.0002 | 23.4 | MAX | 7.855 | 135 | 201 | 0.645 | 146 | +10 | 1881 | 3 |
| 18 (26-30) | 6/17/15 | HET | 222 | < 0.25 | N/A | 2 09 | 1530 | 0.68 | < 0 0060 | < 0.0000 | + 0.0050 | < 0 0050 | < 0.10 | 0,787 | 0145 | NA. | NA | NA: | NA | NA. | 10A. | NA | NA | NA | NA. | - AGA | NA. | 16A | NA. | YOR | 764 | 754 | -50 | Pending | Pen |
| I PRINCES | 5/77235 | CON | ш, | ж | NA. | - 14 | 364 | NA. | 344 | NA. | 444 | HA | ж | NA | ALA. | 5.06 | 0.848 | 42005 | TAA | <0.00 | 13 | 4000 | PEA | 0.436 | 1 2 0002 | NA. | NA. | MA | MA | 1.54 | 4.251 | 104 | NA. | NA. | N |
| 4 Filmed | 6/17/15 | . HET | NA. | NA. | NA. | NA. | NA | NA. | NA | NA | NA | NA. | HA | ALA. | TER | 0.0675 | 0.002 | < 0 0050 | 208 | < 0.040 | 14.4 | < 0.010 | 73 8 | 0.432 | * 0 00028 | 3.00 | = E 650 | +0010 | 313 | 1,02 | - 0 060 | NA. | NA. | NA | M |
| -0K/H3-223 | AGN15 | 1000 | 8.65 | NA. | MA. | HA | 1860 | 80: | + 0.005 | + 0,01 | + 0.105 | - 0.05 | +0.16 | 8.26 | 6.53 | < 9.00 | 0,724 | +0.000 | 213 | -0.01 | 163 | +66 | 105 | 3.02 | +0.0002 | 721 | 36A | ein | 136 | 158 | 0.077 | 646 | +10 | 0.622 | L |
| 0-24 (12-22) | 6/23/15 | HET | 519 | < 0.25 | N/A | 3.05 | 2050 | 95.7 | 40 0050 | + 0.0050 | ×10,0050 | + 0 0000 | +0.10 | 0,238 | 1034 | + 0 610 | 0.680 | < 0 0050 | 296 | # 0 040 | 127 | < 0 0 0 | 107 | 3.3 | < 0 00020 | 7.33 | * 0 050 | +0.010 | 162 | 197 | * 0 000 | 790 | +90 | 0.450 | 0.8 |
| H PRINTED | 6/23/15 | HET | NA | NA | 168 | - WA | NA. | NA | NA . | 168 | NA | NA | NA | NA | NA | < 0.010 | 0.916 | < 0 0050 | 302 | < 0.040 | 12.8 | < 0 010 | 100 | 3 29 | < 0.00020 | 7.42 | a 0 050 | # 0 010 | 180 | 1 97 | 0 0713 | NA I | 196 | . NA | N |
| -3E(12-213 | 80911 | 1CON | 100 | NA. | NA. | A4A | 350 | 1.0 | 4 0 005 | +001 | +,0005 | +005 | +615 | 8.35 | E27 | 107 | 2.894 | +2000 | 196 | 6.01 | 23 | -601 | 19.0 | 2.32 | - 0.0000 | 2.45 | 546 | 164 | пл | 123 | 0.027 | B | 410 | 0.808 | - |
| 36 (12-32) | 6/26/15 | HET | 137 | < 0.25 | N/A | 1.73 | 1180 | 0.74 | < 0.0050 | + 0 0050 | < 0.0050 | < 0.0050 | +0.10 | 0.306 | < 014 | 0.0185 | 0.836 | < 0.0050 | 202 | < 0.040 | 17.5 | < 0 010 | 89.1 | 2.74 | < 0 00020 | 451 | < 0.000 | +0010 | 70 9 | 114 | < 0 060 | 776 | # S O | 1.02 | 1.4 |
| th (Filmed) | 6/26/15 | HET | NA | NA | NA: | NA | NA | NA | NA | NA | NA | NA . | NA | NA . | NA. | 0.0207 | 0.524 | < 0.0050 | 217 | +0040 | 11.4 | < 0 010 | 15.7 | 2.97 | < 0.00020 | 5 51 | = 0.050 | +0.010 | 77.8 | 1.30 | = 0.060 | NA | NA | , NA | N |
| ar (vector) | 609115 | 10011 | 142 | MA | NA. | 500 | 800 | +0.25 | +0.000 | +001 | + 0.005 | < 0.05 | +0.19 | 62 | 936 | G138 | 0.625 | 0.067 | 186 | +001 | -25.8 | +0.0 | 254 | 251 | * 0.0002 | +5.00 | HA | 164 | 00.7 | 1128 | < 0.03 | m | < 10 | 1,20 | .04 |
| 37 (14-24) | 6/29/15 | HET | 140 | < 0.25 | N/A | 1.72 | 1120 | < 0.25 | < 0.0050 | # 0 0050 | < 0.0050 | < 0,0050 | K 0.10. | 0.331 | < 014 | 0,2 | 0.809 | < 0 0050 | 198 | = 0 040 | 21,4 | < 0 010 | 75 3 | 2.1 | < 0.00020 | 2.56 | +0.050 | 10010 | 84 5 | 1.42 | = 0 060 | 750 | # S O | 3.22 | 0.8 |
| 7 Filtered | 67905 | HET | TEA, | NA. | 768 | NA | NA | 194 | 168 | HIR | 764 | NA. | 16A | 164 | TUR | 0.194 | 9.772 | + 0.0052 | 208 | = 0 040 | 21 8 | + 0 010 | 78.4 | 2 23 | < 0.0002B | 2 85 | = 0 050 | # 0 010 | 85 1 | 1 37 | = 0 000 | NA: | NA: | NA. | N |
| le zdrycum | AMA. | N/A | 26300 | 13.1 | 574 | 30.4 | 46100 | 439 | 0.384 | 0 0034 | 0.0771 | 0.031 | 1.52 | 16.9 | 2.47 | 0.2 | 5.74 | 6,007 | 2650 | 0.12 | 342 | 0.062 | 872 | 21.7 | =0.00072 | 61 | 0.372 | +0.010 | 15400 | 159 | 0 448 | 1340 | # S O | 35 5 | .0 |
| RECAP Andants | 10/20/03 | NA. | 290" | N/A | N/A | TWA: | 500 | 250 | 0 005 | 10 | 0.7 | 10 | 0 15 | 0 15 | 0.15 | 0.01 | 20 | 0.005 | N/A | 0.10 | 03" | 0.015 | NA. | 0.05 | 0.002 | N/A | 0.09 | 0.018 | N/A | N/A | 78.9 | N/A | N/A | 5 Camb | 146 |
| | | - | | | | | | | | | | | 44 II | | | | 400 | thins/Farame | WT | | | | - | | | | | | _ | | | _ | | - | _ |

| | _ | _ | _ | VIN | | _ | | | £M. | | | _ | | | Address / aran | 2007 | | | PAH | | _ | | | - | | | | |
|-----------------------------|----------|-------------|--------------------|----------------------|---------------------|-----------------------|----------------------|----------------------|--------|----------------------|-----------------------|-----------------------|---------------------|--------------|----------------|------------|-------------------|-----------------|-----------------------|----------------------|----------|---------------------------|------------|----------|--------------------------------|------------|--------------|--------|
| Web Number Gorsen Mannel | Date | Sampler | CS-CS Allphates | CS-C10 Allphattis | CB-C10 Aromatics | C10-C12 Alignative | C10-C12 Arsmattes | C12-C18 Alphetics | CIZCIE | CHS-C21 Aromatics | C16-C35 Alignatics | C21-C36 Artimatics | 2-Methytnaphthaluce | Acentphonene | Acenaphthylene | Anthracese | Berz(s)arzhrecene | Berizo(s)pyrane | Berizo(b)fluorenthene | Benzo(N) Buorentheme | Chrysene | Ditentia,ty anthrecens | /horantene | Fluorane | anderso (T,2.3- cal) pyrame | Hapmonione | Phenenthrene | Pyrene |
| (Scient Winnel) | | 1-1-1-1-1-1 | MA | MA | MA | MA | ALA | MA | MA | MX | MA | des | #170C | attic | #279C | AZTOC | AINC | inc | #170C | anc | attec | #770C | AITOC . | #2700 | #279C | AUTOC | 8270C | #270C |
| | | | mg/L | nyt | mpt | mgi | mgt | mpt. | mpt. | myt | mpt | mpt | mpt. | mys | agt. | mgt | ngt | mgt | mpt | mpt | mpt | mgt | mpt | mpt | mgt | mpt | mgit | egt. |
| SB-1 (19-25') | 6/8/15 | HET | 0.0684 | < 0.050 | < 0.050 | +214 | 0 298 | +014 | +0.14 | 2.191 | -014 | 0.338 | NA . | MA | NA. | NA . | NA NA | NA NA | NA NA | NA NA | NA | 144 | NA. | NA | NA: | NA. | NA | MA |
| 28-5 (15-20) | 6/4/15 | HET | 0 655 | 0.15 | 0.141 | +014 | 4014 | +014 | #0.14 | +0.14 | 4034 | <0.14 | HAT: | NA NA | NA | HAK | (NK | NA. | HK | NA. | 166 | NA | NA. | NA. | NA: | NA. | NA. | NA. |
| 58-9 (21-19) | 6/11/15 | HET | < 0.030 | < 0.050 | < 0.050 | +0.14 | 1614 | +0.14 | #0.14 | < 0.14 | =0.14 | < 0 14 | NA. | 100 | 165 | NA: | NA. | NA NA | NA. | NA. | NA | (NA) | NA. | :NA: | NA I | :NA | NA: | NA- |
| 56-16 (26-39) | entres | HET | +015 | +0.18 | × 0.15 | +014 | 401# | <016 | 1014 | < 0.14 | 0.148 | 0.143 | NA: | NA. | TCA: | 104 | NA . | NA. | 144 | NA. | NA. | 744 | NA. | TIA. | NA NA | 764 | NA. | 765 |
| 38-34 (13-33) | 8/03/15 | HET | +015 | <0.15 | 40.15 | 4014 | +014 | 1016 | 1014 | 1016 | 1014 | +0.14 | NA. | 144 | 164 | 164 | NA | NA. | NA. | NA. | NA | NA. | NA. | NA. | FUA, | NA | NA | AUA |
| \$8-24 (17-22) | 676/15 | HET | +0.15 | +015 | +0.15 | + 014 | 1014 | 4014 | 40.14 | 40.14 | =0.54 | +0.14 | 344 | 146 | HA | NA | PLA | NA | NA | HA | 164 | NA. | NA. | NA | NA | NA . | NA . | NA. |
| 28-37 (14-14) | 80905 | HET | ¥035 | ×0.15 | 4 0.19 | 1014 | 5.014 | +10.34 | +014 | 12.16 | +0.14 | 49.14 | NA. | NA. | HA | NA | NA NA | NA | NA. | NA. | NA | NA: | NA | :NK: | NA | NA. | NX: | 198 |
| Westman | 7974 | 50% | 0.655 | 0.18 | 0.145 | 4014 | 0.296 | +0.14 | +0.14 | 9,191 | 0.146 | 0.338 | N/A | NA. | NA | 168 | SCA. | NA | N/A | 19.8 | NA. | N# | N/A | N/A | N/A | N/A | N/A | N/A |
| RECAP Standards | 10/20/03 | N/A | 32 | 0.15 | 0 15 | 015 | 0 15 | 015 | 0 15 | 0 15 | 73 | 0 15 | 0 00062 | 0 037 | 01 | 0.043 | 0 0076 | 9 0003 | 0 0048 | 0 0025 | 0.0016 | 0 0025 | 0.15 | 0.024 | 0 0037 | 0 01 | 018 | 0.018 |

^{1.} RECAP Gramowater Screening Standards pay: Table 1 of RECAP document, dated October 20, 2003 listed for inference purposes only 2. IEPA Secondary Christop Water Standard BEX. Absences in Course Ethylosense, and Xyldene 1502. Secondary Christop Water Standard 1503. Total Disabled Standard 1504. Total Disabled Standard Standard 1504. Secondary Christophila Christophi

Geotechnical Analytical Summary Table

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al.

Section 16, Township 10 South, Range 11 East

Iberville Parish, Louisiana

HET Project No. 4651.39

Table 3 Page 1 of 1

| Sample I.D. | Sample Depth (ft) | Description | | Atterberg Limits | | Water Content (%) | Dry Density (pcf) | Organic Matter (%) | remeability |
|-------------|----------------------|---|-----|------------------|----|-------------------|-------------------|--------------------|------------------------|
| | F (1.7 | - 2 | LL | PL | PI | | | (,,,, | (cm/sec) |
| DB1 | 26 - 28 | Gray clay (CH) with trace of organics | 84 | 23 | 61 | 49.4 | 74,1 | 10.6 | 4.0 x 10 ⁻⁸ |
| DB1 | 46 - 48 | Gray clay (CH) with trace of organics | 104 | 31 | 73 | 46,4 | 55,8 | 11.3 | 5.4 x 10 ⁻⁸ |
| DB1 | 56 - 58 | Gray clay (CH) with trace of organics | 84 | 32 | 52 | 41.0 | 75,5 | 10.2 | 1.4 x 10 ⁻⁷ |

LL - Liquid Limit

PL - Plastic Limit

PI - Plasticity Index

pcf - Pound per Cubic Foot

Monitor Well Construction and Sampling Data

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No. 4651.39

Table 4 Page 1 of 1

| Monitoring Well I. D. Number | MW-1 | MW-2 | MVV-3 | MW-4 | MW-5 | MW-6 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| Well Type | Monitor | Monitor | Monitor | Monitor | Monitor | Monitor |
| Casing Material | PVC | PVC | PVC | PVC | PVC | PVC |
| Casing Diameter (Inches) | 1 | 1 | 1 | 1 | 1 | 1 |
| Development Method | Geo Pump |
| Elevation of Natural Ground (Feet) | 6.72 | 5.35 | 5.04 | 2.25 | 2.09 | 2.12 |
| Top of Casing Elevation (feet) | 9.93 | 8.64 | 8.02 | 4.90 | 5.13 | 5.32 |
| Stickup (feet) | 3.21 | 3.29 | 2.98 | 2.65 | 3.04 | 3.20 |
| Depth to Water (October 13, 2015) | 9.01 | 7.98 | 7.45 | 5.14 | 5.41 | 5.34 |
| Water Elevation (NGVD) (October 13, 2015) | 0.92 | 0.66 | 0.57 | -0.24 | -0.28 | -0.02 |
| Latitude | 30.19891273 | 30.19850537 | 30.19841434 | 30.19835578 | 30.19784176 | 30.19750482 |
| Longitude | -91.34288445 | -91.34330173 | -91.34322762 | -91.34269324 | -91.34268760 | -91.34306390 |
| Lat / Long Method | Survey | Survey | Survey | Survey | Survey | Survey |
| Date Completed | 9/30/15 | 9/30/15 | 9/30/15 | 10/1/15 | 10/1/15 | 10/1/15 |
| Well Depth (feet below TOC) | 27.20 | 23.41 | 24.00 | 18.58 | 17.83 | 20.17 |
| Well Depth (Feet below land surface) | 23.99 | 20.12 | 21.02 | 15.93 | 14.79 | 16.97 |
| Sampling Data: | | | | | | |
| Sample Date | 10/8/15 | 10/8/15 | 10/7/15 | 10/6/15 | 10/6/15 | 10/6/15 |
| Gallons Purged / Dry | 0.75 / 3X | 3.0 / 2X | 0.75 / 7X | 0.5 / 7X | 5.0 / 1X | 5.5 / 0X |
| Sampling Frequency | Once | Once | Once | Once | Once | Once |
| Free Product Elevations | N/A | N/A | N/A | N/A | N/A | N/A |
| Comments | N/A | N/A | N/A | N/A | N/A | N/A |
| Field Parameter Data: | | | | | | |
| pH (Initial) - Standard Units | 6.40 | 5.68 | 5.37 | 5.61 | 5.78 | 6.00 |
| pH (Final) - Standard Units | 6.40 | 6.10 | 5.61 | 5.85 | 5.79 | 5.74 |
| Turbidity (Initial) - NTU | 65.5 | NA | 206 | N/A | 9.17 | NA |
| Turbidity (Final) - NTU | N/A | 393 | N/A | 35.2 | 0.73 | NA |
| ORP (Initial) | 129.2 | 108.6 | 7.9 | 32.1 | 22.2 | 13.60 |
| ORP (Final) | 89.0 | 37.2 | -32.8 | 22.8 | -44.5 | -54.30 |
| Temperature (Initial) - °C | 24.3 | 23.0 | 23.4 | 23.6 | 22.8 | 21.70 |
| Temperature (Final) - °C | 25.9 | 23.0 | 24.3 | 24.7 | 22.1 | 21.00 |
| Specific Conductance (Initial) - ms/cm | 7.61 | 68.5 | 70.9 | 12.58 | 29.55 | 30.16 |
| Specific Conductance (Final) - ms/cm | 7.57 | 69.2 | 71.4 | 13.59 | 29.22 | 30.39 |

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 15. Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No.4651.39

Table 5 Page 1 of 4

| | £ | | J | | | 100 | | | | winty | | | | | | | | Hydro | carbins . | | | | | | | | Metals | | | | | | | | | Additional | Parameter | |
|--------------------------|---|------------|----------|------------|----------|----------|----------|--------------|--------------|---------|-----------|--------|--------|------------|----------------------------|---------------------|--------------|-----------|-----------|--------------|------------------|--------------|-----------------|---------------|--------|--------|---------------------------|----------|-----------------|---------------|----------------|--------------|-----------|---------|------------|------------|--------------|------------------------------------|
| | | | J.V. | | SPLP | | | | | | | | SPLP | | Alications | | TPH-GRO | три-рко | TPH-ORO | | Total | SPLP | Tota! | True Total | SPLP | Total | Tota/ | SPLP | Total | I I | Total | Total | Total . | Total | Saturation | pН | × | Frantienal |
| Sample ID / Depth | Sample Date | Sampler | Chloride | Chloride | Chloride | Bromide | EC | ESP | SAR | Calcium | Magnesium | Sodium | Sodium | CEC | Alkalinity (Sat. Paste) | Sulfare 9050/298 | (C6-C10) | (C10-C28) | (>C28) | 200 4 Grease | Arsenic 4010B | Arsenic 1312 | Barium Bered | ðarium 200 | Barium | | Chromium / Chromium VI | Chromium | Lead - COTOR | Tetal Mercury | Selenium | Silver | Streetlun | Zinc | * | d Paste) | Maisture | Organic Carbon (FOC) Walk &I |
| | | | meq/L | mg/L | mg/L | mg/Kg | amnhosz | 268 | N/A | meq/L | meq/L | meq-L | mg/L | meg/100g | meq/L | meq/L | mg/Kg | mg/Kg | mg/Kg | * | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | то/Ка | mg/Kg | mg/Kg | тажа | * | ** | N | * |
| 634W77+6 | 09/03/19 | HE7 | 170 | NA NA | ma. | an. | 20 3 | NA. | 34 | 147 | 0.55 | 188 | SM. | 44 | 24 | 131 | 44 | | - | 942 | 500 | NA. | 26 | 601 | NA. | -E 500 | tak | 94 | 127 | 0.02243 | 42.50 | 112 | ties | 67.6 | 477 | 110 | 272 | NA. |
| Elements Elements | barthur. | MT. | 200 | NA. | ** | - | 24.3 | NA. | ** | 188 | 603 | 201 | | No. | 111 | 221 | no. | No. | 144 | 108 | 48 | NA. | 172 | 391 | - MA | # 500 | 744 | NA. | 112 | 881907 | -120 | 11.25 | 196 | 94 | 103 | PAI | 26.5 | WA. |
| Erg-0 | DWDTA | ×17 | 1.1 | *** | 64 | 100 | 122 | 240 | 5342 | 72.6 | 24 | 1100 | 144 | 16 | 10 | 198 | NA. | - 50 | 100 | 100 | 10. | NA. | NA. | 54 | NA. | NA | 140 | 164 | NA NA | NA. | NA. | No. | 100 | 964. | 66.9 | 741 | 10 | 664 |
| *10-0 | DESCRIPTION OF THE PARTY OF THE | ALT. | 2.62 | 72.9 | 94 | 84. | 1908 | 1.75 | 1,27 | 8.18 | 134 | 38 | 114 | 27 4 | ** | 142 | fue. | NA. | 164 | No. | NA. | NA. | ma. | NA. | NA. | . Aut | NA. | ma. | run . | No. | NA. | NA. | MA. | NA. | 86.0 | 741 | 979 | NA. |
| 8170-0 | inchine. | H1 | 10.0 | 121 | 64 | - 144 | 3.10 | 146 | 7.00 | 14.5 | 5.30 | 347 | -861 | 41.5 | ** | D D | 764 | 14. | 10. | 744 | 74 | 764 | TAR. | 364 | 701 | 700 | 104 | HA. | rys . | 75. | NA. | 15.0 | TAX. | 164 | 10.1 | 244 | 29 | ion: |
| 21/4-0 | B#21/15 | -67 | 347 | 639 | BLA . | 44 | 4,21 | A(A, | NA. | 124 | 2.11 | 16.8 | NA: | 166 | 1. | 147 | 10.0 | NA. | NA. | NA. | 44 | NC: | 147 | 14t | NA. | +6.300 | 16.6 | 104 | 14.0 | R\$441 | -0.90 | +1.26 | 36.2 | 81.8 | 88.1 | 110 | 30-€ | (364) |
| #1(4A(2) | invitints | -CON | 46.5 | No. | | NA. | 4,30 | 43 MA | 144 | 19.2 | 5.0 | 26.6 | NA. | 76.7 | 34 | 13 | Made Nade | - | - MA | NA. | 15.00. | NA. | 104 | 286 | NA. | +0.300 | 13.6 | NA. | 12.0 | 8D43 | 48 | 1121 | 12 • | 82.1 | 923 | 112 | 34.7 | NA. |
| #1/13/FE | DMOUNT. | +67 | 44.3 | eta | - 14 | 44 | 4.83 | NA. | No. | 22.2 | ur. | 11.5 | 164 | No. | 1 | 100 | No. | NA. | - 04 | N/A | - 64 | NA. | M | .546. | NA. | N/A | NA. | NA. | 768 | 70. | NA. | NA. | NA. | MA. | 3/5 | 190 | 44.3 | NA. |
| ai poris | 10021/16 | 1004 | 100 | - | 24 | NA. | 100 | 10 | 544 | 11.1 | ST | 0.00 | 84 | 710 | • | - 14 | | | - 14 | - 0 | 138 | - 100 | 30 | 277 | - | -010 | 16.0 | - 100 | 12.6 | 410 | 428 | 78 | m3 | (STRILL | 744 | - M. 3/1 | 277 | 90. |
| #2 (0-t) | SMITTHE | × | 21 | +6'00 | NA. | NA. | 6701 | 3416 | 1,67 | 216 | 112 | 246 | ** | 54,0 | 26 | 1,13 | NA. | NA. | 9.6 | N/A. | ** | NA NA | ** | NA. | No. | NA. | 44 | NA. | Nation 1 | 94. | Park NA | 204 | NA. | OLA. | 80.8 | N2 821 | 25.6 | ma. |
| #2(0-10) | BECYNE BECYNE | H)T | 544 | 201 264 | NA. | NA. | 319 | 101 | 104 | 339 | 235 | 7.M | - 44 | SA S | 24 | 264 | *** | PM. | - 14 | 144 | 900 | NA. | Tan . | 663 | NA. | 48.000 | 14 | 10 | 112 | BESITE I | -Q.16 | 11,28 | 38.2 | 102 | 903 | E 22 | 34.1 | 2.84 |
| #2/52/6E | swayes. | #E1 | 34.5 | Said: | - 100 | 55 | 10 | - WA | 34 | 14.5 | 105 | 177 | 34 | NA. | 11 | 11.5 | 16.8 | NA. | - | 54 | 19.00 | | 128 | 362 | he | +6 100 | 126 | 100 | 11.0 | 1007 | -C10 | +1.25 | n: | 261 | 100 | 7.0 | 41 | NA. |
| #1(1719) | detroit. | COM | Park . | No. | 98. | - 4 | 406 | 37 | 1.00 | MF | 849 | 18.5 | - 16 | 11(467) | Tel. | 715 | 100 | - 0. | - 14 | - | 100 | - 100 | an . | 34 | - | 40 | Ma | - | 22.5 | 410 | 71.04 | M | DAR | 193 | - 94 | - 20 | +4,8 | |
| steam | caccins. | HET | 33.4 | 564 | BIA. | NA | 4,32 | NA | HA. | 28.8 | 649 | 13.5 | NA. | NA | 20 | 182 | 104. | ANA. | NA | No. | 126 | NA. | 164 | ARC | iaa. | 1.12 | 163 | 168. | 1.0 | 100 | <0.500 NA | 44.338 MA | 25.5 | 26 | 85.5 | 3.00 | 45.0 34.6 | 110. |
| #2 (36-28) #2 (26-28) | SMASSILE SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASSI SMASS | HET | 11.7 | 20% | 407 | - 14 | 1.86 | 795 | 841 | 137 | 4.35 | 6.07 | | 8A 66.1 | 3.2 NA | A DA | 54 | | 164 | NA. | 452 | - | 167 | NA 224 | MA. | 854 | 91 | ** | PAN. | -616 | *1.89 | AL. | M. | 10A | 483 | 710 | 34.6 | NA. |
| BE/M-SI | (W2315 | est. | 479 | 847 | - | 84 | E 879 | 221 | 323 | 197 | 140 | 430 | w | 48.7 | 14 | 11 | NA. | - | 10.0 | 191 | NA. | NA. | NA. | NA. | No. | par. | NA | 100 | No. | NA. | NA. | | - AA | NA. | 773 | 3.59 | 29.7 | HA. |
| #1/F-27 | 092395 | HET | 20.9 | 454 | 166 | NA. | 177 | +3 | .7.74 | 7,07 | 3.75 | 183 | 18. | 474 | .11 | 776 | 500 | - 94 | 764 | - 44 | 164 | - 76 | NA. | 101 | Tip. | 79. | 100 | .77 | - | NA. | NA. | 164 | ins. | 755 | 10.8 | 8.00 | 25.5 | 764 |
| 10/0-0 | 092211 | HET | 43.3 | 2406 | HA. | NA. | 124 | 5.54 | 11.2 | 12.8 | 1.19 | -38A | NA. | 62.5 | +2 | 22 | NA: | NA: | 364 | No. | 19.00 | NA. | 376 | 428 | No. | +6 100 | .16 | 84 | 11.3 | 10034 | GH | +125 | 65.4 | 10 | 663 | 7.00 | 34.5 | NA. |
| #3/2-III | 090311 | EDM HCT | 113 | Flui | - MA | 20 | 4.E | 84 | 118 | 20.7 | 103 | 124 | NA. | NA STATE | - | 12 | NA. | 100 E | 1005 | 15.0 | 4.60 | ** | 381 | 1240 | NA. | 141 | 25.6 | 100 | 8.00 | 46047 | -0.10f | -0.250 | 201 | 72.0 | 14.1 | 721 | 98.1 | 14.0 |
| 22314 E | pacent - | cox | - | 100 | - 44 | - PAR | N.I | 18.7 | NJ. | 143 | 11.6 | tn | 38 | - MA | MATI | 90 | ui | Paris | 12764 | 71.5 | +50 | l Ma | 181 | 196 | MAT | -936 | 11.0 | and. | 636 | 4.00 | (4) | (PASS) | 400 | 197 | | - 94 | 1461 | NA. |
| #.T(0-8) | DW2311 | HET | 136 | 1580 | los. | NA | 0.1 | NA | 964 | 22.6 | 2.16 | SHT . | 144 | NA | 24 | 346 | - MA | - 14 | 100 | No. | 4= | 75 | m. | 364 | NA. | +6-50E | 116 | 100 | 128 | \$ 8 8 8 9 W | 43.00 | 11,25 | 162 | 80.8 | 97.4 | 739 | 341 | 54 |
| Alpe | 102211 | 100% | - | - 100 | - ** | 946 | 9638 | 21 | 363 | 18.1 | 420 | 913 | 30 | 64.9 | 98 | | 386 | O MINE | MIT | - | 1,60 | | 302 | M | 10 | 10,00 | 18,0 | - | 11.6 | 44 | GM | - | >< | 91.9 | 74 | 101 | 36.4 | |
| 87,0-19 81,0-19 | 992275 | MET | 343 | -00 | 218 | NA. | ns Di | 200 | -DI | 45+ | 27.0 | 188 | 117 | NA MA | 32 | 404 | | 184 | NA NA | - M | #3# #3# | - | 118 | 367 | 204 | -0.5E | 122 | NA. | 112 | 6.037ms | +2.50 | 41.25 | N2 | 964 | 84.4 | 100 | 43.5 ed:1 | NA. |
| #2(12-00) | DW2215 | mET. | 124 | 3490 | - | AA. | 04 | Jan. | 364 | | 19.5 | - | - 14 | - MA | 14 | 1/2 | NA. | - 54 | - 14 | - | 746 | 70. | 714 | - 64 | NA. | 0.20# | 834 | 10A | 7.36 | 11000 | +9.306 | +1210 | 361 | 15.8 | 64.1 | 7.57 | 287 | 144 |
| #2034W | ONCORE ! | NO. | w | 144. | | - 84 | 101 | 15.8 | 163 | 411 | 21.0 | .110 | 84 | U2. | 64 | 34 | 10. | 129.6 | 1388 | - MA | 10.8 | - | 701 | 200 | M. | -010 | 77.6 | 701 | 8.88 | 40 | 4.88 | 100 | et a | 48.4 | - 44 | 54 | 23.7 | 44 |
| ##(P-D | betini | HET | 26.3 | üd.t | NA. | RIA. | 144 | 2.1 | 8.13 | 8.82 | 130 | (4.1 | NA. | 96.9 | .14 | 4.82 | NA: | NA. | NA. | 100 | 964) | No. | M. | NA. | HA. | - 100 | tan. | 9(4) | (feet) | PM. | PHI. | MA. | 100 | NA. | 91.0 | 6.1 | 10.7 | NA. |
| #4P-2 | 0903116 | HET | 40.1 | 1300 | 54 | NA AA | 134 | 17.6 | 54.7 17.4 | 128 | A39 | 52.8 | HA. | 98.9 | 26 | 4.12 | ** | NA. | 100 | M. | 244 244 | ANA. | 163 | 9A4 | NA. | 6346 | 18.7 | 508 | 16.6 | 2534 | 48A +2.56 | 15200 | 104 | 52.5 | - 10 | 754 | 30.8 | 94 |
| 24/14 | 090311 | mit. | 163 | 4790 | 94 | NA. | 14.7 | lak | 194 | 11.3 | 3.81 | 188 | 144 | NA. | 24 | 147 | - 14 | 111 | 241 | 0.25 | NA. | 144 | ** | 744 | TIA. | NA. | NA. | NA. | NA | NA. | 764 | MA. | NA. | NA. | 167 | 24 | 34.6 | A4. |
| 81(4-0 | 9903914 | ,C01 | HA. | - | 44 | 100 | 102 | 34.7 | 16.6 | 451 | 177 | 582 | 2.6 | 16.6 | - ** | | - 44 | 200 | 768 | NA. | 12 | | NO. | arr . | 84 | 1050 | 113 | Pine : | 248 | 4.0 | 4.88 | - 100 | 22 | PER | - 44 | 24 | 918 | - 55 |
| 34/849 | pecins | HET | 203 | Teas | 164 | NA. | 76.9 | NA. | PLA: | 324 | _ | 211 | NA. | NA | 14 | 41 | NA. | NA . | NA. | NA. | 164 | N/A | W. | NA. | HA. | 45 | NA. | 9(4) | 13.2 | - | No. | ma. | 364 | NA. | (12 | 237. | 201 | AA. |
| ## (## E | 09/22/11 | HET | 407 | 60E | 147 | - | R3 | 46.3 MA | 84,3 | 21.8 | 612 | 20 | 196 | PVE | 10 | 154 | NA. | 423 | - 34 | - MA | 240 | | 201 | | HA. | 028 | 161 | 10A | 2.24 | 2,5277 | *2.16 | 15,200 | 24.0 | 12.1 | 88.3 | 7.18 | D. | 94 |
| 8437215 | Ownants | COK | - | 100 | 3187 | - | 383 | 14.8 | 343 | TIE. | 163 | NA. | No. | 47.6 | - 04 | in the | M | M | - 44 | MA. | 427 | 300 | 276 | jus | No. | 481 | 10.2 | 195 | 76.5 | NA. | -196 | CMASS | | 46.5 | | THAT | 78.5 | - M |
| ##(D-15) | 090316 | HE? | 1.1 | 133 | 164 | 34.6 | 196 | 5.871 | 13* | 127 | 31 | 7.02 | The . | 147 | 22 | 29 | NA. | AA. | - 50 | NA. | 101 | Am | 34. | N/A | TEA. | NA. | 34 | 904 | AM. | 546 | 344 | ma. | MA | 54. | 61.6 | 4.52 | 22.3 | 54. |
| #1(F-2) | 0903916 | HET | 491 | 172 | 19.4 | NA. | 434 | 136 | 1.02 | 14.7 | 122 | 26.7 | 154 | 42.4 | 3,4 1 | 7.62 6.10 | HA. | NA NA | H4. | NA NA | 29 | NA. | NA. | 400 | NA. | 0.156 | WAS . | NA. | NA. 9.98 | 84394 | NA. | 16250 | 26.7 | 33.2 | (m.) | 4.II | 10.1 | NA |
| #1(2·3) | 090311 | #ET | 100 | 2130 | 104 | No. | 22.5 | 5.90. No. | 16.5 | 18.9 | 427 | 188 | NA. | 164 | 20 | 32 | NA. | *** | 191 | 147 | =5.00 | 100 | - cas | 330 | NA. | -0.100 | 14.3 | 994 | 15 | 14110 | +2.50 | 4122 | 177 | 15.1 | 107 | 136 | 27.6 | ** |
| aties: | OWCUSE I | SON . | - 20 | - | - | 86.7 | 15.6 | 417 | 45.5 | rag | 14 | 90 | - 64 | iles: | M | - M | M | 4244 | 7911 | | EAU. | Nam. | 701 | 254 | NA. | 16.9 | 19.7 | MA | 14,8 | 431 | 1100 | lia: | 70 | 723 | 164 | | 268 | - 044 |
| ##(8-8) | 090316 | HET | 239 | 1100 | 164 | 169 | 34.4 | 242. | 114 | 123 | 241 | 317 | 70 | 798 | u | 74 | Nh. | QS E | 918 | ** | +0.00 | N/A | 133 | 388 | NA. | +0.900 | 15.8 | NA. | 12.8 | 835447 | <150 | 11.35 | 100 | 187 | tpi | FAR | 34.3 | 44 |
| 61/5-0 | 000316 | .004 | HA | - | | - | 413 | SA.W | 88,1 | 179 | O.DE | 90.0 | PAR . | 13,3 | 101 | 60. | NA. | 34.1 | 201 | AA | 147 | - | 9 | 10 | M. | 8121 | 933 | 194 | 142 | 0.01462 | -130 -0.500 | 425 | 201 | 17.1 | HA. | 401 | 311 | |
| #5/534B | 0907910 | FET | 311 | 8810 | 358 | - | 58.4 | 86.7 | This | 35.9 | 78 | 102 | 291 | 284 | 1.5 | - 1 | ALA. | | 161 | - PA | 379 | - | - 194 | 100 | - | 9121 | 1107 | 944 | A.te | 6.0 | 11.00 | NA. | - 14.7 | 343 | - 65 | 144 | 36.5 | 796 |
| £6 (0-1) | 090310 | ett | D4 | 186 | nja. | - | 10 | 246 | 14 | 1.19 | 294 | 164 | - 0.0 | 30.2 | 14 | žže | NA: | NA. | TA. | NA. | 144 | NA. | 346 | 44 | 10.0 | 144 | 144 | 164 | NA - | NA. | 164. | NA. | 166 | na. | Pet 1 | 1,61 | 25.5 | 94 |
| 840-0 | (9/23/1) | HET | 547 | 779 | NA. | AA. | 538 | 7.62 | 17,6 | 7.00 | 111 | 62 | 164 | 40.6 | 12 | 641 | NA. | NA. | 264 | ** | - 14 | NA | - 34 | NA. | 5,0 | 4 | - 14 | 144 | - | | 164 | 5.6 | 164 | NA. | 7115 | 441 | 26.6 | ALA. |
| 8471-20 | same. | EIN | - 10 | - M | MA | | AIL | 18,9 | 23.4 | 1.0 | 2.0 | 443 | - | 16.1 | ** | MA. | NA. | 2229 | 1132 | Park Park | *5 | 2 5 | 316 | MT NA | 100 | -68 | ** | NA. | 16.0 | -cit | 120 | - | - | 413 | H4 | Tipe . | 28.6 | NA NA |
| ##(2-0) | OMESSES. | et1 | AA AA | NA. | NA. | - 14 | AA. | 75.4 | 362 | 536 | 20 | 868 | - | HA. | NA. | 144 | NA. | 3494 | 7104 | 444 | U* | - MA | 24 | 345 | 100 | 45 | 114 | TM. | 10.5 | 416 | -196 | - | 38 | 782 | NA. | - MA | 201 | 305 |
| 81/4-0 | ougus. | HET | 313 | 4630 | | - | 10.1 | | - 54 | tre | | 197 | ns.A | NA. | - u | - 1 | NA. | 126.0 | 99.0 | 6.18 | 84 | No. | 344 | NA. | 160 | NA. | NA. | 16.A. | NA . | NA. | NA. | No. | 144 | NA: | 129 | 741 | 264 | 164 |
| 80/00 | 090301 | 504 | NO. | - * | | - | 15.8 | 314 | 47.8 | T-GT | 7.07 | m | 10.5 | 75 | 24. | - | | 1954 | 116.4 | NA. | +45 | м. | 201 | 394 | -0. | uid. | 157 | 168. | 1116 | 411 | 1536 | P.M. | - | 16.5 | NA. | 44 | 28.8 | NA. |
| 34(6.0) | 100311 | HET | 208 | 5080 | 14.8 | MA. | 15.3 | NA. | NA. | 18.7 | 6.36 | 101 | 944 | NA. | - 11 | 100 | MA . | 404.7 | 426.1 | MA | 42 | NA. | 157 | 574 | 86 | +6 100 | 16.5 | 144 | 10.3 | 2.25410 | 1230 | +125 | 113 | 78.4 | 104 | Fee | 347 | NA NA |
| \$4,040 \$4,0240 | Decimal Control | HET | 177 | 13200 | 100 | HA. | 16.6 | M.8 | 403 | MC4.7 | 110 | 101 | 268 | MA. | 11 | 14 | 140 | MA. | na. | 744 | 141 | м. | *** | 104 | 140 | 0488 | 237 | 195 | 11 | 8 8907 | +0.10E | -9700 | 67.2 | 34 | 98.9 | TAT | 43.1 | NA. |
| BARTIAN | Sections 1 | DON | - | - 14 | MW | - | 20.4 | 36.8 | 102.1 | 0.1 | 111 | 200 | NA. | MA | NA. | NA. | 94AV | 788 | MA. | No. | wite. | - M | 254 | 201 | No. | 8.82 | 12.5 | Ma. | 12.1 | -04 | -4 | - | - 118 | REZ | HA. | NK. | 22.1 | PAS |

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No. 4551,33

Table 5 Page 2 of 4

| | | | | | | | _ | | | alisty | _ | | | _ | | | | Hudro | carbons | | | - | | | _ | | Metals | | | | | | | _ | | -1446 | / Parameter | - |
|------------------------|--|-------------|-----------|----------|--------------|----------|----------------|--------|------------|-------------|-----------|--------------|----------------|----------|---------------------------|---------|---------------------|----------------------|-------------------|--------------|------------------|----------|-----------------|----------------------|----------|-----------------|---------------------------|------------------|----------------|-------------------|-------------------|------------|---------------|---------------|-----------|-----------------------|-------------|------------------------|
| | | | | | | | | | | | | | | | | | | A TAME | | | | | | | | 8 | Total | | | | _ | | | | | ph | Parameter | Fractional |
| Sample ID / Depth | Sample Date | Sampler | Chunn | Columbre | SPLP | Bromide | EC | ESP | SAR | Calcture | Magnesium | Septure | SPLP Sodium | CEC | Alkalinity (Sat Paste) | Sulfate | TPH-GRO (C6-C10) | TPH DRO (C10-C18) | TPH-ORO (>C28) | DIF & Greate | Total Ansenic | SPLP | Total Barium | True Total Barlum | - | Total | Chromium / Chromium VI | SPLP Chromium | Total Least | Total Mercury | Total Selenium | Silver | Total | Total Zine | Secretion | (Saturate d Paste) | Moisture | Organic Carbon (FOC |
| | | - 5 | 298 | BOSEA: | 1212 | 9056A | 200 montos/ | 200 | | 2945 | 290 | 290 | 1312 | 290 | 290 | 9056798 | Ticroos | 73(1004 | TX1005 | 210 | 90108 | 1212 | BONDE | 268 | an | | 60108 | | 60100 | 747tA | 80108 | _ | #010E | #210S | 298 | | 25400 | WARRE |
| | | | meq/L | mg/L | mg/L | mg/Kg | con . | * | N/A | meq/L | meg/L | meq/L | mg/L | meq/100g | meq/L | meq/L | mg/Kg | mg/Kg | mg/Kg | × | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | N | 411 | * | - 5 |
| armo armo | SMITTANS SMITTANS | HET | 10.7 | 155 | AGA Bys | NA. | 246 | 1.62 | 142 | 8.00 | 412 | 34.1 | NA NA | 19.7 | 12 | 10 | NA. | NA. | NA. | 100 100 | NA. | NA. | NA. | NA. | NA. | tyn. | SA. | Ask. | typ typ | nes. | NA. | NA HA | NA. | NA NA | 15.0 | 5.3 | 214 | MA MA |
| 870-9 | 892215 | ×et . | н | 1276 | - 76A | 144 | 8.34 | A21 | 124 | 16.8 | 1.00 | 41.7 | , and | 29.3 | 1.8 | 8.75 | 964 | 144 | 164 | Sec. | 4.0 | w | 234 | 523 | 144 | 9.294 | 10.1 | 368 | 8.16 | 0.0002 | 19500 | 10,350 | 28.5 | 43.3 | .9 | 833 | 315 | SA. |
| 27 (4-M) | metars | HET | 107 | 2286 | 364 | HA. | 15 | 25.5 | 20 | 16.4 | 4.04 | 112 | 344 | NA. | 28 | 131 | 421 | #34 9628 | 121 | 8.99 | 421 | 10. | 264 | F12 | NA. | 8384 | 16.5 | 168. | 11.7 | 6.01107 -0.00 | +0.00 +0.00 | +0.358 | 75.6 | 413 | 4.7 | 734 | 384 | Fat. |
| AT (FIRE | BACONS | HET | 173 | 3342 | AAA | 74 | 81 | an an | 30 | 8.73 | 11 | 175 | | 46.8 | 3 | 152 | 164 | 129 | 44.3 | - | -0.56 | | 386 | 21 | NA. | 15.500 | 148 | | 14.2 | 10.00 0.004 | 12.50 | 41,25 | 20 | 50.9 | 128 | 745 | 15.1 | - |
| 47 pt 10 | BKED06 | 1001 | - ** | ** | M | 164 | 11.2 | 48.8 | 23.7 | 121 | -01 | 94.8 | 300 | 86.1 | 164 | NA. | 147 | #143 | 4830 | .04 | 400 | 10. | 188 | 34 | KK. | -63 | 163 | 168 | 15.4 | 479 | 11.01 | MA | 279 | 427 | No. | AA. | MW. | - |
| 87854W | 190315 | HET ROOM | 254 | tox | NA MA | N/A | 261 | 104 | NA MA | 121 | 1.68 | 217 | No. | 264 | 34 | 266 | BA | 100 | 766 | tyn : | 296 | 100. | 230 | 762 | _ | 6.337 16.8 | 124 | 10.0 | 134 | 137144 | -2.58 | 1025E | the | 60.4 | 128 | 2.45 | 22.4 | 164 |
| NY/20-20/ | MATERIAL SALES | HET | 300 | (Delli | 340 | 144 | 46.3 | No. | NA. | 111 | 1.07 | 304 | Jet . | 905 | 10 | 347 | No. | na. | No. | No. | 131 | in. | Pit | 276 | NA . | 8.279 | 921 | NA. | T 44 | 8.13MCE - | 15.500 | 10,216 | 114 | 37.1 | 11.7 | 717 | 36.6 | NA. |
| BY/DISE | meres. | 1000 | - 14 | M | . AM | AV. | 26.1 | 67.0 | 73.8 | 161 | 1.0 | 347 | ST ME | 44.0 | 144 | M | NA. | - 14 | W. | - 14 | 5.0 | - | tu | 198 | 34A | *0.5 | 10 | M | 9.7 | 6.0 | A DEC | RA. | 378 (4) | 22.2 | - 38 | 84 | mr : | 46 |
| 17,0439 | 3803/15 | HET. | 256 | 7810 | XA | NA. | 27.8 | 140 | No. | 163 | 18.1 | 187 | NA. | 84 | 18 | 188 | 164 | GR3 | +28.5 MA | 100 | 342 | NA NA | 90.7 NA. | 264 NA | NA NA | 8.256 HA | 8.52 NA | 168 | 8.49 NA | 0.00768 | -0.H | +0.35E | 10.5 | 22.9 NA | 17.4 | 730 | 317 | NA. |
| AT CHAR | MATERIAL STREET, STREE | HÉT | 26.6 | 260 | AA AA | NA. | 286 | 10 | 2.06 | S 24 | 6.00 | 470 | - 44 | 85-5 | 20 | No. | NA. | ** | 44 | - | 634 | - 34 | 384 | ni . | NA. | +0.3 | 124 | - | 19 | 40 | 10.86 | NA. | 10.7 | 247 | 7.4 | 7.85 | 20.0 | |
| A4(6-0) | 197576 | | 24 | 470 | 764 | NA. | 342 | +10 | 14.3 | 6.67 | 2.14 | 27.8 | 164 | -81 | - 13 | 281 | 160 | ten. | NA. | tue | No. | MA. | NA. | NA. | N/A | 140 | HA. | NA. | Ne. | NA. | NA. | PAA. | NA. | 88. | 81.3 | - 63 | 313 | NA. |
| #APP | SMENS | -67 | 864 | fA56 | ALA. | 54 | 8.6 | 171 | 26.7 | 8107 | 180 | 72.0 | NA | 121 | 28 | 434 | MA. | 84. | NA. | 10.0 | luk. | MA. | NA. | AA. | NA | ALA. | NA. | . Ask | NA. | | | HA | HA. | MA | 87.1 | 739 | 24% | 44 |
| #02 #04 | SHEETANS | HET | m | 2610 | N/A | NA. | 212 | 3156 | 25.4 | 16.2 | 7.62 | (78 | NA. | 913 | 3 85 | 100 | 164 | 425.3 | 125.0 | 13 | 421 | 101 | 132 | 329 | NA. | -0 500 <0.38 | 7147 | NA . | 127 | 0.007791 - CUB | QIII. | 1123 | MLT. | 39.9 | 867 | 733 | 31.1 | NA. |
| M/re | 2003015 | HET | 196 | 1100 | NA. | NA. | m. | - 30 | | 20.7 | 8.11 | 174 | - 144 | 94 | 14 | , | 744 | -425 dr | +25.0 | -018 | +5.00 | 100 | 213 | - CI | 164. | +530 | 114 | 100. | 124 | 661112 | 410 | 4135 | 614 | 11.2 | Tie . | 737 | 341 | 745 |
| 33 (1 th | and/or | CON | HA | - | teer | - | MT | 20.8 | 34.8 | - 196 | AR: | 307 | - | -31 | MA | NA. | 164 | (ten | 4 | in. | 4.81 | • | . 10 | 241 | 10 | 48 | 21.8 | * | /M.R | 416 | <# | in. | -146 | 41 | 364 | N/L | 313 | *** |
| AR SHIP | OMESTS. | HET CON | 350 MA | 11100 | 354 | NA. | 55.a 76.a | 26.0 | - 11 | 71.4 963 | 20.7 | 216 | 421 | 101 | 22 | 6.987 | NA. | 54 | NA. | - | 620 | | NA 040 | 304 | NA. | NA ATT | 26.0 | 88 | 164 | 439 | +0.00 | NA. | - 64 | | 42.4 | 4.88 | 441 | 100 |
| Mary 18 | 192313 | HET | 294 | 4200 | 304 | - N | 21.1 | 100 | - | 21.5 | 5.0 | 237 | - | - | 22 | 133 | 168 | No. | 54 | 164 | 234 | - 14 | 142 | .23 | 54 | 1.12 | 8.79 | 16.8 | 7.12 | 110407 | 12.54 | -0.250 | 79.1 | 30.7 | 79.3 | 8.19 | 246 | 200 |
| 94/13-10 | BACOTO . | CON | 1940 | M/ | 765 | - ** | 41 | | 78.0 | 38.7 | 100 | 201 | 100 | BI | NA. | 760 | 1.64 | THE | M | - 14 | 330 | TW. | 311 | 198 | 94 | SEE | 155 | . pa. | 10.0 | -419 | 17.89 | RA. | 143 | 44.6 | 186 | NA II | 20.0 | M |
| 84(5F18) | 110041 | HET | 251 | 444) | 300 | NA. | 35.6 | NA. | NA. | 21,4 | A76 | 211 | 312 | in. | 500 | 8.604 | NA. | 144 | NA. | 166 | 1.66 | 944 | 134 | 3/4 | NA. | 2761 | 843 | NA. | 2.47 | 0.01623 | +2 500 | +0.258 | (E) | 22.6 | 45.1 | 8.32 | 24 | NA. |
| 88 G700 | 897015 | HET | 27.1 | 9878 | est Na | 54 M | 363 | 3.00 | 101 | 704 | 343 | 218 | 381 | 14.2 | - 10 | 391 | NA. | tun. | NA. | 54 | est As | NA. | 952 NA | 367 | NA NA | 6.391 945 | 17.76 NA. | NA. | 8.09 NA | 102110 | 40.506 NA | +0.30E | NA. | 58.6 | 107 | 142 | 167 | - NA |
| ## (P-42) | 393415 | +61 | 328 | ANT | ANA | No. | 1.7 | 1.00 | 18.1 | 44 | 14 | 319 | ALC. | 12.2 | 11 | 246 | 168 | tus. | 144. | NA. | NA. | NA. | NA. | - 14 | Na. | No. | - 84 | 168 | 108 | NA. | 164 | INA. | 15.0 | 166 | 115 | 4.07 | ste | 166 |
| 1000 | sagent | +67 | 94. | 1445 | fish | 160 | 145 | +50 | 18.4 | 8.95 | 4,27 | 30 | 194 | 13.0 | - 2 | 438 | 16.8 | 194 | 168 | 104 | 101 | 10. | NA. | 10. | 164 | 168. | 141 | 14. | NA. | - 54 | 104 | 154 | NA. | 54 | 118 | 6.79 | 25.0 | 566 |
| 8954 8954 | parties. | HET | ,NA | NA. : | ALA | 744 | 384 | 10.0 | SEE | 3.52 | HA. | 24.7 | 244 | 25.8 | HA. | NA: | NA. | 40.0 | +24.6 | +0.10 | NA. 8.83 | 100 | 144 | 210 | HA. | 10.5 | 166 | W. | 16.6 | 4.0 | - GIR | (64 | 76.0 200.0 | NA NA | NA. | NA. | 311.6 | NA. |
| | 882415 | HE7 - | 294 | 4421 | NA. | ten. | 27.8 | lua . | NA. | 85.3 | 281 | .08 | . NA. | 86 | 28 | 1.75 | 164. | , tela, | NA. | 144 | 334 | - NA | 106 | 291 | HA | 6.333 | 140 | | 7.81 | 840427 | 6,822 | +6,250 | 403 | 20.0 | 30.1 | to | 40 | NA. |
| MARKET | movis. | 604 | 84 | M. | 2 | - | 20.3 | 102 | 218 | 96.1 | 16.6 | He" | *** | 40) | HA: | ₩. | M. | NA. | 164 | MA | U | - 14 | 186 | 201 | fig. | 416 | er . | - 14 | 127 | 69 | - 44 | - | 79 | Q). | No. | NA. | 339 | NA. |
| ##/T2-FG | 88Qv25 | HET | 201 | 1046 | 381 | ** | 21.2 | 20.1 | 10. | 703 | 26.8 | 147 | 221 | - 14.5 | 18 | 18 | NA. | No. | A44 | N/A | 14 | | 143 | Feb. | N/R | 5.76× | 815 | NA. | 100 | 0-0079E | +2 500 | +0.25E | 40.7 TO | 361 | . 71 | 74 | 31.6 | NA . |
| ##(FA18) | 290515 | HET | 234 | 401 | | - 44 | 22.0 | - W | - | 82.6 | 33.0 | 81.0 | , HA | - ** | 14 | 138 | NA. | - 14 | 144 | - 14 | 40 | - | 162 | 316 | NA. | 9.25 | 7,25 | - 0. | 728 | 0.02224 | 1.0 | 40 25W | 34 | 281 | 110 | 721 | 442 | - |
| ##@#3E | 490475 | HET | 168 | 140 | NA. | NA. | 197 | tipe . | NA. | 6.43 | 1.94 | 110 | NA. | 968 | - 0 | 112 | NA. | 50. | 164. | 104 | NA. | 101 | NA. | NA. | NA | 84. | NA. | 10. | NA. | | 144 | MA | NA. | N/A | 42.7 | 7.8 | 32.7 | NA. |
| ANDRON . | BADASA BIGASA | 400k | G4 | E21 | 104 | - M | 188 | 10 | 724 | 204 | 117 | 362 | 701 | (1) | HA | 1.0 | NA. | NA. | - 14 | | 428 | NA. | NA. | 200 | NA NA | -63 No. | 163 NA | 14 | 154 | -0.10 | 15.88 100 | 88 | 10. | 101 | 912 | 14 | 12 | 100 |
| #10/AD | SECULAR S | HET | 104 | 266 | 764 | 100 | 114 | 436 | 12 | 34.6 | 163. | 964 | 744. | 16 | 12 | 829 | 54 | | 144 | to. | 425 | | *** | 135 | 164 | 5.344 | 11.0 | 200 | 200 | 0.00476 | 1.64 | -0.25# | 27.0 | 41.0 | 104 | 140 | 38.7 | - 54 |
| 4163-3 | decens | HET | 117 | 1220 | NA. | 64 | 12.7 | 171 | 18.3 | 38.4 | 166 | 55.0 | NA. | 15.2 | 10 | 144 | NA. | - 54 | NA. | 15.6 | ~t.oc | NA. | - 279 |) di | NA. | 1938 | 100 | . MA | 10.2 | 913218 | 48 | as. | 416 | 583 | 112 | 141 | 361 | NA. |
| #22.M-10 | 390915 | HET . | YHT | 5062 | 240 | NA. | 21.2 | 144 | HA | 77.6 | 33.7 | WEY: | 127 | 144 | 12 | 7.04 | 16.0 | NA. | No. | 104 | 7.75 | NA. | 86.5 | 346 | 44 | 4.291 | -111 | 168. | 79 | 0.00818 | **** | +0.258 | 26.1 | 31.8 | M.1 | 430 | DE.A. | N4. |
| ampare ampare | 990415 990415 | HET MON | 196 | 400 | 236 | 64 | 36.0 | 184 | 18.1 | 84.7 | DA MA | 179 | 715 | .01 | - 10 | 111 | HA. | NA . | NA. | - 100 | 246 | NA. | 132 | 124 | NA SEE | # 155 mt.E | 123 | 84 | 6.12 TAI | 00216F | 12.500 | -0.258 | 342 | H1 | 40.5 | 2.79 | 21 | 200 |
| are party | 390415 | HET | 196 | 1071 | NA. | NA. | 96.4 | NA. | NA. | 198.1 | n) | AA 2 | 144 | ina. | 1 | - 125 | 76A: | pan. | No. | NA. | 16.8 | 10:125 | Fair | 363 | MA | 6.291 | 9.14 | NA: | 8.31 | 0.02504 | 640 | +5.254 | 20.0 | G1 | 82.1 | 7,02 | 22.1 | 548 |
| magnoe . | 880475 | 191 | 11 | 161 | Nà | - 54 | 137 | No. | 84. | 5.83 | 216 | +49 | Nek | 76.6 | - 1 | 188 | 144 | - 54 | - 44 | * | 64 | - 14 | NA. | 5.4 | NA. | hys | - MA | - AA | 166 | - 44 | - | Ash | 84 | to a | <.9 | 7.9 | 24.6 | NA. |
| MIT AND | 893415 | 600A | ## 191 | B1 | NA NA | M. | 127 | 42 | 133 | 114 | 5.00 | 73.8 | NA. | 47 | 12 | 321 | 100 | 100 | NA. | - No. | 139 NA | NA. | NA. | - MI | NA | -6.5 ton | NI. | MA. | NA. | 410 | 15A | NA. | M3 | 91.5 | PAG. | 525 | 314 | NA. |
| 11100 | 390415 390415 | HET | 61 | 1266 | 764 | 54 | 682 | 10 | 100 | 163 | 8.27 | 16.2 | 140 | 113 | 12 | 110 | 194 | - 10 | Aug. | - | 346 | NA. | 41.6 | 111 | 168 | 6269 | 11.4 | - | 111 | 6431 | 0.734 | =0.250 | NA. | 366 | 45 | 7.1a | 37.6 | 100 |
| #11 (A-B | 990415 | HET | 49.1 | 1406 | NA. | - 44 | 8.33 | 4.25 | .33 | Dire | 441 | 40.0 | Na. | 15.0 | 10 | 233 | 44 | NA. | NA. | ten | +\$ 0x | NA. | 201 | #II | NA. | 41627 | 166 | MA | 12.6 | 6433 | -2.10 | ct 26 | 142 | (15) | 110 | Par / | 38.4 | NA. |
| ATT (NAME) | SHOWS | HE? | 110 | 2546 | 97 | | 216 | 14 | | 32.8 | 15.7 | 12.1 | 100 | 853 | - 1 | 121 | NA. | ** | NA. | 19.8 | 379 | ** | 129 | 433 | HA | #319 #6.5 | 9.03 | - 10 | 837 | 0.03778 | 6421 | -0.2na | 28.1 | 25 | toe. | 7.12 | 412 | NA. |
| BIT (13-HD | BIOSTS. | HET | 21.1 | 144 | Aye. | | 211 | NA. | NA. | 4.34 | 100 | 11.0 | MA | 144 | 10 | 841 | NA. | - NA | Ha. | - | ina | 144 | 744 | 140 | HA. | 194 | NA. | 200 | NA. | | NA. | 100 | NA. | NA. | 12 | 743 | 212 | 100 |
| arrymans | MOVAL | 1004 | | | * | 38 | 138 | 23 | 8.16 | 23.3 | 10.5 | | - 14 | 15.5 | - 44 | 177. MA | ** | - 14 | 26 | (A4) | 4.8 | | 143 | HE | NR | 41 | 100 | - 84 | 636 | 4.0 | vis. | - 44 | 24 | H4 | - 85 | NA. | 23 | 561 |
| #11(##00) #11(##00) | MEDANS MEDANS | HET | 746 | efe: | 100. 200. | NA. | 142 | 346 | NA. | 826 | 781 | # 11 + 30 | N/A | 144 | 31 | 310 | NA. | NA. | NA. | NA. | 676 | NA NA | 967 | 364 NA | 164 | 8.554 505. | 834 | NA. | A 27 | 0.00404 | 1719 54 | HEESE NA | 11 8 MA | 187 | 93 | 794 | 17.6 | NA. |
| 811/III/26 | SAUGHTS. | CON | 7.01 | - 44 | 360 | N.C. | 13 | - 0 | 100 | 636 | 26 | | 1000 | 193 | - MA | PA . | NA. | M. | RA. | - AA | 23 | - M | 184 | 100 | M | -61 | 19.7 | - 100 | 191 | -430 | -0.86 | 610 | wy | 64 | 90 | NA. | 317 | 100 |
| #172FG | BROWS | HET. | 11 | 229 | Jul. | - 64 | 2.29 | 43 | 736 | 134 | 10 | 16.1 | . MA | 193 | 3.2 | 399 | 16A | NA. | HA. | HA. | NA. | .344 | . 94 | NA . | HA. | NA. | HA | HA. | NA. | M. | NA. | Alá | 44. | NA. | 81.4 | epr. | 163 | NA. |
| entre | 880475 | HET | 25.4 | set. | 44 | 68 | 211 | 135 | 138 | 314 | 1,66 | 212 | NA. | 47+ | - 1 | 361 | 160 | - | NA. | 160 | 62F | - 00 | 171 | 55 | HA. | 58 | 58A 123 | 50. | 161 | 603577 | ** | Asia | 50A. | 46.0 | Bt.e | 625 | 36.0 | 54 |
| 2/7/0-0 EU/0-e | INCATS | HCT COM | 34.7 | 793 | AN. | NA NA | 121 | 103 | 10.0 | 127 | 3.29 | 34.8 | NA. | 49.1 | 24 | 341 | 100 | - | NA. | | 629 | NA. | 309 | 411 | NA. | 963 | 114 | MA. | 153 | 0.03577 : | 11.00 | 10.298 | 57.6 | 264 | 154 | 725 | 24.7 | NA NA |
| #12/5·W | 390vt5 | | 148 | 2298 | 184 | 164 | 16.6 | NA. | NA. | 17 | 19.2 | 47.4 | ni | NA. | 12 | 147 | na. | - 0.0 | 164 | 144 | 1.64 | 764. | Thu | 124 | PAA. | 11209 | 815 | THA. | 1.0 | 0-02926 | 2.754 | +9.756 | - < | 21.1 | 77.7 | (13) | 413 | Na. |
| aratie . | BOATS | CON | | - | WP | * | 18,71 | 754 | 31 | 30 | 112 | 30.4 | - 11 | 60.4 | NA. | M | The . | ** | ina. | HA. | 83 | | 988 | 284 | 164 | 41 | 101 | - | 1126 | 40 | -4 | No | 167 | (10) | | 60. | 38,5 | |
| ACCUPATO | 3904/19 | HET | 100 | 2060 | 144 | Apr. | 1.09 | 71.8 | 93 | 19.1 | 13.8 | M.2 | 64 | 1727 | 11 | 244 | - 14 | M. | NA. | (NA. | 2 A1 | 10A | 973 | 216 | N/A | 16.100 16.5 | 745 | NA. | 5.82 | 8.01549 | +8.500 | 4538 AA | 25 | 362 | 28.7 | 790 | 212 | NA. |
| #12/05/D | DECEMB | HET | 80.1 | 1610 | NA. | 144 | A34 | 144 | 54.5 SA | 35 | 18.5 | 111.5 | - | 14 | 11 | 1.28 | NA. | | 164 | 100. | 2.1 | NA. | 146 | 364 | 164 | 8267 | 9.75 | - | 10 | 0.02404 | 20 | -6250 | 3 | 47 | 79.4 | 742 | 27.6 | 144 |
| #17,031/e | SECURE | | 11.0 | 204 | NA. | NA. | 187 | 194 | NA. | 894 | 257 | 1.17 | 348. | 164. | 14 | 149 | 164. | 54. | 164 | 144 | Tel. | NA. | - 544 | THA . | NA. | 144 | NA. | NA. | 164 | NA. | . NA | N/A | 144 | 344 | 78.5 | 740 | 261 | N4 |
| #17/25/00 · | BASK18 | 1004 | THA. | - PA | 160, | NA. | 177 | Le. | 13 | 927 | 4.81 | 6.10 | - 10 | 20.0 | No. | - MA | 10. | NA. | HA | NA. | 6.4 | PA. | 141 | 780 | - NA | 411 | 41 | PAR | 1.43 | 42 | 49,86 | A/A | 16.5 | 44 | mA. | MA | 250 | - 44 |

Soli Analytical Summary - HET Investigation

State of Louisiana and the Iberville Parish School Board va. BP America Production Company, et al. Section 16, Township 10 South, Range 11 East berville Parish, Louisiana HET Project No. 4651.39

Table 5

| Part | | | | | | | | | | - 3 | ulisty | | | | | | | | Phylin | carbone . | - 7 | | | | | | | Mennin | | | | | | | - 7 | | Adaltions | Perameter | - 6 |
|--|--|--|---------|-----------|---------|-------|-------|----------|----------|------|---------|--------------------|--------|-------|---------|---------------------------|----------|--------|---------------------------|-------------|------------|------------------|-------|-----------------|--------|--------|------------------|-----------|-------|-------|---------------|--------|--------|-------|-----------------|--------|------------|-----------|-----------------------|
| Final Part | Sample ID / Depth | Sample Date | Sampler | Chiloride | Chicago | | | ec . | 120 | SAR | Celcium | Ma'gineelam | Some | | CEC | Alliationy (Set Peaks) | Saffun | | | | Of E Green | Form! Arxanic | | Fotel Barium | | SPLP | Total Gadmium | Chromium/ | | | Tecar Mercury | | | | | | (Seturate) | 44-1-4 | Practional Organic |
| Second S | | | | 290 | BOSSA | 1212 | 30044 | 298 | 248 | 246 | 290 | 200 | 298 | 1212 | 285 | 290 | 0056/29S | TX1006 | 7X1000 | TX1003 | 790 | #010E | 1312 | 80108 | 296 | 1212 | 60118 | sores | 1212 | abres | 74714 | 60108 | 60168 | stree | 60100 | 296 | 266 | 25400 | men pr |
| March 1979 | . 3 | | | mest | mgt | mpt | mgKg | anymhou! | 26: | N/A | mest | meqL | areq'L | Mat | meating | megiL | meqt. | туЖд | mg/Kg | mg/Kg | * | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mg/Kg | mg/Kg | mg/L | mgKg | тдКд | mg/Kg | mg/Kg | така | тдКа | * | E.U. | * | * |
| STATE STAT | #13,0-0 | INCOME | HET | - 18 | 208 | 766 | ANA. | 254 | - 44 | 12 | 584 | 100 | 14.7 | 746 | a | 18 | 27+ | NA. | NA. | 766 | 96 | 544 | 946 | M | 164 | PAR. | 705 | 344, | RA: | 86 | 344 | 194 | HA. | 84 | NA. | 91.8 | 9.57 | 383 | - 94 |
| Final State Stat | 2002 | 20/25/16 | HET | 121 | 406 | 168 | NA. | 2.63 | 1.9 | 967 | 2 93 | 1,41 | 21.4 | hik | ķ1. | 2 | 2.33 | 166 | NA | 54 | NA. | 54 | · | NA | 164. | NA. | NA | NA. | NA . | NA. | NA. | NA | 164 | NA | HA. | 107 | 71 | 29.5 | 148 |
| STATISTICS STA | #13.05-0 | avasins | HET | 26.6 | 643 | SA | MA | 5.36 | 118 | 364 | 244 | 13 | 29.3 | 44 | 53.5 | 21 | 22 | - 86 | NA NA | NA NA | NA NA | 45.00 | NA NA | 168 | 387 | NA | ≪538E | 15.8 | 3,4 | 13.5 | 863732 | <250 | +1.25 | H.2 | 54.5 | 125 | 250 | 37.6 | 56 |
| Second S | #1770-S | Heconor | (COH | M | - 100 | DF | Piph | 291 | 197 | 170/ | 1.20 | - 17 | 16.1 | NA. | 903 | MA | 200 | - MA | MA. | HA. | - NA | 832 | - 14 | 201 | 201 | NA | 650 | 247 | : NA. | 16.9 | 419 | Q. | 19.00 | (9) | 61 | M | MAC: | 24.9 | MA |
| Separate Separate | 817/945 | 8905/18 | #£f | 114 | 3475 | 10.6 | 244 | 4.1 | 164 | 24 | 16.5 | 833 | 10.0 | 141 | NA. | 12 | 1.96 | NA. | NA | 166 | . N4 | 166 | 5.6 | .64 | 168 | 264 | NA. | 368. | 164 | NA. | MA | 14 | 164 | 34. | 20.0 | 91.8 | 835 | 413 | 38 |
| Second S | 412/5334 | 1005/15 | HET | 152 | 2786 | 144 | A/A | 10 | 1ja | NA. | 28 | 10.7 | 10.0 | 344 | NA. | 12 | 6362 | - 55 | N/A | 766 | THA . | 134 | 54. | 136 | 288 | NA. | 8.279 | 410 | - RA | 6.85 | 8 00088 | +9300 | <0.200 | 21 | 30.1 | 30·6 | 7 84 | 20.0 | NA. |
| STATISHING Company C | #673150·0 | Becard | E04 | - | MA. | 9607 | - AA | 163 | 56.7 | tea | 416 | 22.2 | 10x | 366 | 203 | 66 | 98 | NA. | AA. | in the last | 105. | 14 | *44 | 56 | 204 | NA P | 14.5 | 44 | -34/- | - 14 | 48 | - 0 | MA | ==9:= | 413 | - AA | = MACE | 307 | 34 |
| Marie Proper Property Pro | #12/KF45 | awasns | HET | 106 | 1675 | 110 | Ash | 12 | NA - | 364 | be S | 16 | 54. | 84.1 | 16A | 12 | 8 216 | NA. | NA. | - MA | Aus. | 187 | A.A. | 167 | 344 | 84. | 8181 | 284 | SA | 84 | 241142 | 16.500 | 15256 | 29.4 | -31 | : 56.1 | 2.78 | | 56 |
| ************************************** | \$17:D9-26 | 800911 | HET | 41.1 | 144 | NA. | N/A | (0) | N/A | | 6.67 | 274 | 9 07 | 144 | 148 | 31 | 171 | MA | AM. | MA | PA. | Ma. | NA. | NA. | NA NA | 164, | ina | NA. | He. | NA. | NA. | NA. | 100 | _ | 4,4 | N/A. | NA. | - | No. |
| Marie Mari | #13.3542E | tepant | COL | - 84 | - 84 | tie : | - | 1.6 | 1.0 | 1127 | 4.84 | -3.81 | an- | - 84 | 47.2 | XX. | - 14 | NA. | - AA | | | in | - 4 | 123 | - 12 | - 144 | -65 | 163 | - | - W | - 41 | 10.25 | - | .55 è | SERVED. | 44 | - 100 | .01 | - 66 |
| Marie Column Co | | | | | | | | | 111 | | | | | | | | | | | | _ | | | | | | | | | | | | | | | | | | |
| Marie Mari | KAIPS | atotie | HCT | 144 | 94 | NA. | 166 | | NA | | 164 | 1.64 | | NA. | _ | | | | and the later is not as a | | | | | | | • | | | | | | | - | | _ | | _ | | 164 |
| Ministration Mini | st-et p-a | - | COK | - 64 | - 84 | - 24 | 84 | 116 | 166 | 281 | 48 | etat. | 6.00 | - 14 | 187 | | - 85, | AA . | 4766 | | | | | | Oss | _ | 44 | 27.6 | | 20.4 | 1000 | 10.00 | - | _ | | | | _ | . AM |
| 中の音響性 10元 | scenae | 6102714 | HET | .040. | NA. | NA | NA | 166 | 160 | NA. | PVA | 964 | _ | NA. | | | NA. | MA | | | | | _ | | - NA | | | | | | NA | | NA. | | NA. | | | | in in |
| March Marc | 10404 | 01/27H | 604 | - NA | - 24 - | tte- | - 111 | 24 | 18.5 | 24 | tia - | PERSONAL PROPERTY. | 221 | 168 | 513 | | - M | | 55 000 15 | 176 | kD . | 112 | | | - | | 46491 | 912 | | 25.5 | 44 | 97.80 | 0.00 | _ | - In | | _ | _ | - 10. |
| Part | N-CEP2 | Bigme | HET. | NA. | BA. | 34 | San. | NA. | | | Set. | - 44 | 144 | 168 | | 795 | MA. | 164 | | | | | | | 140 | - | | | | _ | rus | | _ | MA. | na. | | _ | | No. |
| March Marc | VOATING: | Scotted | EOK | NA. | - 44 | - ** | MA. | 129 | 100,4600 | 154 | 177 | 4536 | 24.5 | _ NAS | 36.1 | ne ne | | 18A | 10000 | RASH | | | ** | | 143000 | - | | 344 | | | 23 | +0.30 | - | | Special Control | | _ | | . AA |
| Post | HEATING | 01/07/08 | 147 | 168 | 764 | 768 | Joh. | 86 | NA. | NA. | NA . | 94 | | | | | | | | | | | | | | - | | | | | | _ | | | | | | | 58 |
| Column C | MONEG-4 | Per Par | 1000 | PAR | ma. | 1117 | 160 | 87 | 313 | 121 | 12.00 | 1581 | 7.16 | 100 | 383 | N/A | - 84 | MA. | 9000 | | | | | | 1177 | _ | HQ 698 | 279 | | 16.5 | 4.0 | +5 M | | | _ | | | | .00 |
| No. of the control | | 010314 | _ | | | _ | Ass | | _ | _ | _ | | | _ | _ | | _ | | _ | | _ | | | | | _ | | | | | | _ | _ | | _ | _ | | | No. |
| Procedure 1957 1958 19 | | 200200 | | | | | | | | | | | | | _ | | | | | | | | | | | - | | | | | | | | | | | | | - 84 |
| Processing Conference Con | | BUILDING | | | | | | | - | | _ | - 141 | _ | - | _ | | | | _ | | | | | | | _ | | 100 | | | | | - | | _ | | | _ | 160 |
| Column C | | 9103316 | | _ | | | | 77/12 | | | | | | | | | | _ | | | | | | | | | | | | | | | | | | | | | - 44 |
| March Marc | | \$1/27me | | | | | | | _ | | | 1,171 | _ | | _ | | _ | | | | | | | | | - | _ | | | | | | | | | | | | 144 |
| 2 1 1 1 1 1 1 1 1 1 | - | - Designation | | _ | | | | | | | | | _ | | _ | | | | | | | | _ | | | _ | | | | _ | | | | | Table 1977 | | _ | | |
| 子供用機能 型型性 では 100 円 100 | - | - | _ | - | | | | | _ | _ | - | | | | | | | | _ | | | | | | | _ | | | | _ | | | _ | | - | | _ | | 864 |
| *** ********************************** | | STATE AND DESCRIPTION OF THE PERSON NAMED IN | | _ | | | | | _ | | | | _ | | | | | | | | | | | | | 100000 | | | | | | | | 100 | - | | | | 315 |
| The companies The companie | | SHETTINE | _ | _ | | | _ | | | | _ | | _ | | _ | | _ | | | | | | | | | - | | | | _ | | | _ | | _ | | _ | _ | No. |
| ************************************** | | 210314 | 100K | NA NA | NA. | MA. | 68 | -886 | 9.89 | CM. | 418. | 1130 | 128 | NA. | 101 | - 66 | -84 | - AA | 107 | 366 | CN | 134 | 100 | 98 | 23000 | - | <46 | 254 | - NA | 16.9 | 96.36 | 41.00 | NA. | 224 | 602 | NA. | 164 | 41.0 | - 10 |
| ## 150 M M M M M M M M M M M M M M M M M M M | Composte | 0107/16 | HET | 144 | NA. | 34 | NA | 108 | 187 | 161 | (1) | 8823 | 151 | NA. | 27.2 | 85 | 34 | Aut | NA . | 84 | 6.69 | 775 | NA NA | 54 | 17500 | NA. | 0.366 | 16.5 | SA | 34.3 | 0.02600 | ≥ 500 | =8.250 | 818 | 36.5 | .73.6 | 648 | 48.5 | NA. |
| CONT. NA | 4C-01-4E-0-0 | Hittor# | HET | 342 | NA. | NA . | 548 | 154 | 177 | 19.7 | 1.29 | 1.25 | 172 | No. | 25 8 | 30 | 27 | NA | NA . | NA. | 1.63 | 10 | fin. | NA. | 24500 | NA . | 0 479 | 854 | NA . | 212 | € 07521 | -0.500 | ×E,250 | 83.4 | 45.7 | 103 | 112 | 46.3 | 904 |
| 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | | NA. | 966 | 156 | 13300 | 556 | NA. | 164 | (t) | 89.3 | 45.6 | 642 | 401. | 421 | 85.8 | .19 | - 21 | 162 | Page | 14204 | 9.0 | 15.4 | No. | 5586 | 193006 | 1,28 | 0.879 | 1356 | 500 | 284 | 194 | 843 | 98 | 403 | 12+ | 126 | 44 | 154. | 644 |
| | LOWE TO STATE OF THE PERSON OF | NA | NA. | - 144 | N/A | NA | NIA | | 25 | 14 | 100 | NIA | N/A | NIA | NA. | N/A | N/A | NIA | N/A | NA. | | - 16 | 144 | N/A | 20000 | N/A | 16 | 500 | N/A | 500 | 16 | 16 | 200 | Sen | 500 | 348 | 64 | 88 | 5/8 |
| | RECEP Standards | NA. | NA. | - | N/A | 5000' | 104 | 5,0 | N/A | N/A | N/A. | NIA | N/A | 1200" | N/A | SA. | N/A | - 85 | 46 | 180 | NA. | - 9 | 82" | 550 | 194 | 45" | 2.5 | 100 | | 100 | 23 | п | 20 | - | 2300 | - 54 | N/A | N/A | 54 |

Soll Analytical Summary - HET investigation

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisiana HET Project No. 4651.29

Table 5 Page 4 of 4

| | | | | | | | - | | | | | | | | | | | Additional Pain | meters | | | | | | | | | | | | | |
|----------------------|------------------|---------|-----------------------------|---------|------------------|------------------|---------------------|---------------------|--------------------|---------|----------------------|---------|---------|----------------------|-----------------------|----------------------|--------------------------------------|----------------------------------|-----------------------------------|---------------------------|-----------------------|-----------------------------------|---|--|-------------------------|--|---|--------------------|--|-----------------------------|------------------------------|---|
| | Date | | | 97 | ØC. | | | VPW | | | | | 2991 | | | | ANX. | | | | | | | | | | | | | | | |
| Sample 80 / Depth | | Sampler | Bartzme (Totali SPLP) | Toksme | Ethyl benzene | Total Xylenes | C6-C8 Allynatics | CS-C10 Alphatics | CS-C1E Aremetes | CVI-CY2 | C10-C12 Aromatics | C12-C16 | C12-C18 | C18-C21 Arametics | C16-C35 Aliphetics | C21-C35 Arsmutice | 2-Methylnephthalerre (Total/SPLP) | Ace naphthene (Total/SPLP) | Ace maphinyment (TeleSEPLF) | Anthrasane (TotalSPLP) | | Benzo(a) pyrane (TorakSPLP) | Senzo(S) Supranthene (Tetal/SPLP) | Bertzo(k) Buoranthene (Total/SPLP) | Chrysens (TotalSPLP) | Dibertz(e,h) anthracene (Total/SPLP) | (Total/SPLP) | | inders (f.2.3-cd) pyrana (TotalSIPLP) | Naphtimiana (Total/SPLP) | Phenunthrane (Total/SPLP) | Pyrene (Total/SPL |
| | | | #260B | 97600 | #2906 | 87408 | TXYGGE | TXTCCC | Extroop | TX100E | TH1004 | TXT006 | TXYDDA | Tricon | XX1006 | 7X1004 | #170C | #270C | #175C | #270C | #270C | 82700 | 4170C | #270C | \$270C | REFOC | ATTIC | ATTIC | #179C | #270C | #279C | A7700 |
| | | | mg/L | mpKy | торКа | mgKg | туку | mpXg | mgKg | така | mg/Kg | mgKg | тота | mgKg | тдКд | mpKg | mpKg/mpt. | mg/Kg/mgt | mptq/mpt | mg/Kg/mg/ | mgKg/mgt | mpKg/mpt | mg/kg/mg/L | mg/Kg / mg/L | mg/Kg/mg/L | mg/Kg / mg/L | mpKg/mpt | mg/kg/mg/L | mg/Kg / mg/L | mg/Kg / mg/L | mg/Kg / mg/L | mgKg/m |
| 201140 | 09/23/15 | HET | 3(12) | 9.417 | 136 | 0.30 | 311 | 35.5 | 38 1 | 941 | 158 | 2441 | 282 | 1799 | 12309 | 4216 | 55.4 0.031# | 1435/5-2047 | 44.56/E00000 | *** | 44.557+0.0001 | *4.86) 10 DOC | 14,35 (D-2004E) | + 435 / 6:000000 | 44.55 / 0 000432 | 1458/40000 | s4 55/0 00152 | 14.35 / G DGATY | + 35 / 9.00005W | 26 97 6 50 65 | 11,119,00417 | < 4 55 / 0 00 |
| \$2 (N.E) | A | 20m | THE | routs . | 9 | 966 | NA. | 7.84 | - 104 | KA. | HA | NA. | - M- | 14. | NA. | tek | | 200 | M. | M | *18 | in. | 944 | 104 | - | 166 | 68 | -T046 | 44. | - NA | ••• | - 44 |
| 83 (8-4) | 09/22/15 | HET | £ 1900 0016 | 0.333 | CHÉ | +10 | 16.1 | 112 | 15 (| NA. | NA | 664 | NA NA | NA. | NA. | NA | 76.00.0000 | # 000 HE | 6.200 v 58 | 2.000277 | + 8 306 / +0.000 | - 2 200 1 0 0000 | 8 (DCC)4 | +8:80E/0.00000H | 6 0 935 / 0 000229 | 4.83057-4.80E2 | 0.935 / 0 000756 | < 8.856 / 2.06328 | # E 805 / +8 3002 | 6963138 | + E 805/0-00234 | < 0.005 / 0 O |
| 30 (A-C) | 2.027 | EQN . | 8207 | 438 | 286 | THE S | - 74 | 98 | - | NA. | No. | 945 | - 54 | 70. | - | MA | - 10 | - 144 | (002) | MAX. | - 44 | - ** | - | ** | | - 44 | - ~ | , AM | | | | 1000 |
| 34(4-0) | 09/22/15 | HET | NA. | NA. | .HA | NA | NA | NA | NA | 12.5 | <25 0 | 121 | 53,8 | BEA | ATT | 118 | 4.35 | 10044 | +0.00 | 10000 | 12300 | 1330 | 12300 | +1544 | <0.944 | 12844 | < 0.044 | *IN | 12844 | 1.44 | CESH | < 0.944 |
| 85(4·0) | dwcond | HET | < 0.027 | 8.764 | 4.0.054 | 0 112 | 214 | <2.7 | <27 | <25 0 | +25 8 | <26 D | 48.3 | 46.7 | MA.5 | 33.5 | 6 02 (0,0057) | < 0 200 / <0 0003 | # 0 200 / <0.000 | 0.000292 | # 9 330 t 8 200438 | 4 S 2007 45 ONE | E 0 200 / <0 000 I | 4 6:300 46 0002 | < 0 200 / <0 0000 | = 8100 / = 8 0002 | # 0 200 / 0 000341 | = 0 200 / 0 0022 | ## 00 / +# 00 | ##UE 00191 | < 0.200 / 0.000753 | < 0.300/0.000 |
| Ripop | munate | 200 | 2164 | 16308 | 100.000 | 16.004 | 88. | (KK | - M | NA. | 163. | 100 | 250 | NA. | - | ** | | - 100 | - 44 | 1643 | 119 | HA. | ** | 86 | | 94 | NA. | - M- | 44 | | | NA. |
| 85/940 | #W0315 | HET | NA. | NA | NA | NA | NA. | NA | NA | <26 0 | 4358 | <25.0 | 950 | 950 | 125.0 | 425.0 | -15.194 | <0.194 | <0.194 | <0.194 | 40.994 | 16194 | <0.194 | 40 194 | <0 194 | <0 194 | <0.194 | 40,194 | +6.194 | H\$ 194 - | <0.194 | <0.184 |
| ##(f-4 | NV22115 | HET | PER. | NA: | 988 | MA | 164 | 944 | 104 | 110 | 4266 | 164 | 426.0 | 495.8 | 3746 | 55.1 | 43.71 | <171 | +171 | <\$h | +371 | 4131 | +3.71 | +271 | +371 | +171 | +371 | 1381 | +171 | +111 | 537Y | 1171 |
| 84/+0 | 09/23/15 | HET | NA. | NA. | 168 | NA. | NA. | 964 | B(A) | 404 | 125.6 | 1251 | <25 0 | <250 | (25.8 | 125 (| 14.407 | 49.197 | +01AF | 49.197 | 4.97 | MS147 | -5147 | <0 187 | - PRINT | -6.18F | HERAT | <0.187 | HETET | <0.197 | -68,587 | 941 |
| MP4 | necess. | HIT | • | - | - 94 | NA - | - 10 | 144 | - 14 | CRE | 1256 | 453 | 152 | -058 | 481 | 655 | - ** | - 14 | ALC: | - 84 | | - 4 | CHAN- | - 10 | | * | | 44 | | | - 10 | 1 |
| 37 (442) | pictins. | HET | 3.894 O4 | 144 | 14.4 | 45.4 | 184 | 190 | 234 | 69.0 | G18 | 188 | 425.8 | -018 | 408 | ens. | CHINAGS | E housest | 4 E 1887 40 DOC | 1,700,027 | A POSTON | | Q < 8 1891 < 0.0062 | + 3 (89 (= 000) | + II 169-+0-3003 | + 2 1887 + 2 9002 | 100000000000000000000000000000000000000 | < 0.189 / 0.002 [] | + # 159 (+1 000] | 247/20mss | + 0 149 / 0.000639 | 0.0000037 |
| #1 (ME) | Declared | cos | - C.104 | 4034 | 420 | 165 | - M4 | 44 | - | - 84 | 144 | 168 | - 04 | há. | WA. | 10. | - 14 | - MA | NA. | 164 | | - 00 | AVI. | NA. | Ald. | | - 20 | NA . | Land Character | | - 14 | MA |
| 87 (6-6) | 09/23/15 | HET | E08+8 | +11 (25 | 2.108 | 2,138 | 132 | di | +21 | 451 | 426.5 | 14.1 | G1.E | 421.5 | 186 | dat. | 1.0711.000 | -E. 188 / G-3002750 | COURT'S | Accepte | 6.50876 | <0.194 H-CLOSE | E-moreid | 40 798 10 00128 | 46 THE PE 000ML? | -0.766 / 6.000 MT | 4.9878 | <0.196 / 0.00233 | -0 Y98 / 0.00021# | 0.738.10.004b1 | -0.1981.0-00.128 | <0 1951 0 00 |
| APAB | SOCIAL. | SIX. | 3,861 | (E)M | 127 | 8.1 | mA . | AR. | MA. | AA . | M1 | NA. | - NA | - 14 | - 10 | 44. | - 10 | MA. | - | HA | - 10 | MAC | HA. | Mª. | - | - | | 946. | 84 | | 144 | NA. |
| arpere. | 1953/1 | HET | 54 | - 94 | 10,0 | 795 | - 44 | 4.0 | NA. | -051 | 426.0 | 129.0 | 4313 | 48.0 | GH.E | <26.0 | +0.186 +0.198 | 10.194 | -5166 | -E-166 -E-166 | +0.198. +0.198 | +8.199 +9.18E | -0.195 | 45.194 | v6.186 v6.188 | < 196 | 10.166 | <0.198 | 45.186 | 45 TM | 15.196 15.196 | -0.194 -0.198 |
| . 84(2/2) | 39/23/18 | HE? | 144 | 944/ | 964 | NA | NA. | 164. | 945 | 45.0 | (20) | -25.0 | dts. | -068 | d) E | 428.0 | 1238 | 45.196 45.196 | <9.196 <9.196 | -618 | 9.96 | +0.19K | 10.100 | 40.000 | 40.199 | 45.195 | 10,100 | 9.96 | -5.185 | 42.04 | 498 | 40.186 |
| 81/4-Q | 3903/15 | HE7 | NA. | NA NA | NA. | - MA | 154 | 144 | 10.0 | GS I | 125.5 | 125.0 | 431.0 | 45.0 | 951 | 125.0 | 10.184 | 42.384 | -Q-184 | 10.184 | 45.00 | -0.18a | 42.184 | 4194 | +0.184 | 16194 | +0.15e | 42.04 | 15.04 | -0.594 | 15.94 | 10.104 |
| MARKS. | zegará subina | HET | 24 | 54 | 114 | - 22 | -21.E | 129.0 | 405.5 | qui qui | 123.6 | 1250 | 361 | 211 | 102 | 421 | 144 | 24 | NA. | 24 | | | NA. | 34 | 200 | NA. | NA. | 144 | A44 | 44 | 766 | 144 |
| 104184 | 200714 | HET | 54 | 54 | Tab. | Total . | -26.6 | +25.0 | -01-2 | 981 | +25.6 | 38.1 | 365 | 41.1 | 94.7 | 175.2 | * | 24 | NX. | - 24 | 144 | | 158 | 54 | 100 | - | | 38 | - 14 | . NA | - | 94 |
| W466 | 212774 | HET | - 14 | 164 | 946 | ANA | 33.1 | 167 | -01-0 | 216 | 147 | 166 | 254 | 410 | tabe | CH2 | 12007 | 42507 | +0.867 | <2.007 | + 0.887 | +0467 | 42.887 | 1.5807 | + 0 667 | 16967 | 4 0 0 6 7 | +0107 | +6367 | +8 907 | 8867 | 13.487 |
| VC404 | pognes. | -67 | 58. | 26 | 84 | ANA . | 4953 | ×25.6 | -01.8 | 958 | 125.0 | 107 | 111 | 781 | 446 | 281 | 1540 | 1250 | 10007 | 1000 | 1 5 867 | 10001 | 12.007 | 10187 | + 5 667 | 10367 | 10407 | 15987 | 10907 | +0.867 | 1190 | 1180 |
| Melos | 9101116 | HET | 94 | NA. | NA. | R/A | 100.0 | 1210 | 125.5 | 49.1 | 125.0 | 1250 | 43.6 | 425.0 | 958 | (25.8 | 54 | NA | NA. | 318. | - 54 | NA . | to. | toA. | 318. | NA. | NA. | 405 | NA. | NA. | 84. | 100 |
| 104104 | accine. | mg t | 144 | 104 | 164 | . na | 4914 | +21.0 | 425.0 | 951 | +23.6 | 125.0 | 421.6 | 421.6 | qii | 121.0 | NA NA | NA. | NA. | NA. | - 54 | NA. | 196 | NA. | NA. | NA. | 764 | 34 | 164 | 164 | 144 | NA. |
| marks. | 815716 | HET. | 194 | 514 | MA. | Total . | 126.0 | +21.0 | +26.8 | - 458 | . +25.6 | 32.4 | 28.5 | 344 | 194 | 431 | +8.334 | +63pt | +033+ | × 8354 | +0.10+ | +8334 | +10.35+ | + 5.334 | 18394 | 49.354 | +8.00m | +0.35+ | 41154 | +5334 | . 9336 | <0.334 |
| M-HAD-M | supple | HET | NA. | 144 | 364 | NA | *** | 25.7 | 85.7 | 963 | 0.419 | 264 | 316 | 301 | 216 | 258 | 36.6 | 12407 | +0007. | <04KT | <0887 | +0967 | 42307 | ×8.667 | C48967. | + 6 167 | +000F | 6.12 | +6867 | 8.794 | 3.00 | +6107 |
| VC-08 (8-2) | postne | HET | NA. | 164 | NA. | Alk | 125.5 | 125.6 | 125.5 | QS E | 426.6 | +28.0 | 125.0 | 428.0 | 22.5 | 1253 | 34 | MA. | NA. | 84 | 144 | NA. | 54 | | 304 | 966 | Jul . | 54 | tel. | 121 | 164 | 394 |
| Heather | 444 | No. | E.M.) 18.124 | E +4+ | 10.4 | 15,4 | 18w | 190 | 254 | \$41 | 188 | 2448 | 181 | 3,780 | 12356 | 4248 | 52+ 63317 | 64.88 | +4.95 | ++35 | 1438 | 1437 | 14.58 | 14.00 | 4456 | 448 | - 4450 | 1.12 | *68 | (4) | 700 | relif |
| RECAP Standards | (0/20/0) | N/A | 0.00111377 | 270 | 10 | 14 | 1200 | - 5 | 85 | 230 | 100 | 370 | 150 | 150 | Hoo | 160 | 17/2007/68/04* | 220 | - 14 | 120 | 0.62 | 0.33 | 0.62 | 62 | - 49 | 0.33 | 220 | 230 | 062 | 15/62"/82" | 2100 | 230 |

1. INJECT Sciences Chies 25th Standards to Elevated Prophoser Wethort listed for reference purpose only
2. INCEAT Note industrial Sciences gibbs and size to 14 ESCAP for companion purpose only
3. INCEAT Note industrial Sciences gibbs and size to 14 ESCAP for companion purpose only
3. INCEAT Note industrial Sciences gibbs and size to 14 ESCAP for companion purpose only
4. INCEAT sciences gibbs and size to 15 EscAP (i.e. industrial science) size of the size of

August Levert_BP Plan_003071

Groundwater Analytical Summary - HET Investigation

State of Louisiana and the Iberville Parish School Board vs. BP America Production Company, et al. Section 16, Township 10 South, Range 11 East Iberville Parish, Louisian HGT Project No. 4651,33

Table 6 Page 1 of 1

| | Date | | Sattrity | | | | | | | B | TEX | | l | Hydrocarbons | | | | N. J. | | | | | | Wetzin | | | | | | | | Alkai | linby | Radio | lum |
|----------------------------------|----------|---------|---------------------|----------|-------|----------|-----------|------------|-----------|-----------|-----------|----------------------|----------------------|-------------------|---------------------|---------|-------------|-----------|-----------|------------|-----------|----------|------------|-------------|------------|------------|-------------|-----------|------------------------------|--------------|-----------|---------------------------|------------------------|--------------|------------|
| Well Numper | | | Chicride | Bromide | CHBr | 50 | 7DS | Spiffage | Benzena | Emyi | Tolume | Total Xylenes | IPH-DRD (C10-C30) | TPH-ORD (HCIN) | IPH-GRO (CS-C10) | Artenia | Barlum | Cadmium | Calcium | Chromium | tron | Leed | Magnesium | Menganese | Mercury | Princeton | Selenium | Silver | Sodium | Strontium | Zinc | Alkalinty, Bicarbonale | Alkaboty, Carbonate | Radium 226 | Radhum 228 |
| (Screen interval) | Date | Sumpler | 9058A | BOSEA | MA | 26708 | 25400 | 9056A | 23100 | #200G | #2906 | 828QB | 8015C | 8015C | 801.50 | 4020 | 6020 | 8020 | 6010B | 8020 | 6010B | 60720 | 6010B | 80108 | 7470A | 60108 | 6020 | 6020 | 60108 | 6020 | 0020 | 23208 | 2320B | EPA 803.0 | SPA 904.0 |
| | | 111 | mgri. | mg/L | MA | reminos/ | rogrl. | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | ang/L | mg/L | mg/l. | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | pcir | PCIL |
| MW-1 (20-26) | 10/8/15 | HET | 1430 | 56.0 | 25 | 6.12 | 5440 | 6 2 | = 0 0050 | < 0.0050 | < 0 0050 | +0 0050 | 0.471 | =01# | < 0.10 | HA | NA. | NA | NA NA | MA. | NA. | NA: | NA | NA | NA: | . NA | NA | NA . | NA | NA | NA | 530 | = 50 | 1 48 | 1.74 |
| Main Princip | 10/8/15 | HET | 344 | 264 | N/A | NA. | NA | 264 | NA | NA | NA. | NA | NA . | NA. | NA. | < 0 010 | 1.97 | < 0 0050 | 757 | < 0 040 | 24.2 | < 0 010 | 275 | 5.28 | < 0 00020 | 23 | < 0.050 | < 0.010 | 342 | 546 | 4 0 080 | NA | NA | NA . | NA |
| MW-1/28-013 | 10015 | 1004 | 1172 | NA. | MA | MA | 4878 | 17.7 | <2005 | -2901 | *0.0T | 100% | 0.36 | 2.15 | i∉t5 | -020 | 134 | -0.00% | 760 | <0.00 | 48.5 | -601 | 281 | 8.31 | +0.0002 | ٥ | AAA. | MA | 383 | 5.16 | 0.000 | 1116 | +568 | 264 | 1.96 |
| MF-2 (15-20) | 10/8/15 | HET | 24100 | 416 | 58 | 61.7 | 48100 | < 25 | 0 482 | 0.135 | 0.005 | 0 357 | 15,1 | 2 29 | 2 27 | 0.132 | 8.6 | < 0 0050 | 1370 | < 0.040 | 52.5 | < 0.010 | 259 | 3,40 | < 0 00020 | 45 2 | 0.159 | < 0 010 | 13700 | 160 | # 0 060 | 342 | # 50 | 33,1 | 16.7 |
| WW7 (Filtered) | 10/8/15 | HET | NA | NA. | N/A | NA | NA | NA: | TEA. | NA | NA. | NA | 764 | NA | TLN: | 0.11 | 8,74 | < 0 0050 | 1490 | < 0 040 | 50.9 | < 0.010 | 281 | 3.59 | < 0 00020 | 613 | 0.164 | < 0.010 | 14800 | 163 | + 0 060 | 19A | INA | NA | HA: |
| 904/1/01/003 | 10915 | KON | 29100 | NA. | MA | MA | 30000 | 95 | 0,422 | 0116 | -985 | 0.297 | 7.82 | 2,73 | 2,30 | 2069 | 0.24 | -0.00E | 1000 | <601 | 81.8 | +0.01 | -211 | 3.00 | -0.000S | 64.8 | Mh | 144 | 15900 | 138 | 48 | 936 | 410.0 | 21.7 | 15.7 |
| MW-3 (15-30) | 10/7/15 | HET | 25000 | 420 | 60 | 63.6 | 50000 | +130 | 0.0704 | < 0 0050 | < 0 0050 | +0 0060 | 2.17 | 0.284 | 0.213 | , HA | NA C | NA | :NA | NA | NA | NA | NA. | 166 | NA | NA | NA NA | NA | NA | NA | NA | 310 | * 5 0 | 14.7 | 13.3 |
| MW-3 (Fillward) | 10/7/15 | HET | NA | NA | N/A | NA | : NA | NA | NA | NA | NA | NA. | 366 | NA | NA | 0.113 | 21,5 | < 0 0050 | 2170 | < 0.040 | 107 | < 0.010 | 626 | 11.9 | < 0 00020 | +10 | 0.196 | < 0.010 | 14500 | 97.5 | + 0 060 | NK. | NIK | NA. | 164 |
| M96-0 (15-20) | 100111 | ICON . | 80000 | HA | MA | MA | 12100 | 450 | 0.0814 | -9:005 | 40.01 | 10.05 | (11) | 9.26 | <#s | 0,013 | 19.2 | -0.006 | an. | 4017 | 116 | -0.01 | .622 | 15.0 | -0.0002 | 182 | MA. | MA. | 15405 | 10 | 6062 | 796 | 4100 | His | 148 |
| MW-4 (10-15) | 10/7/15 | HET | 3870 | 37¢ | 10 | 12.6 | 18200 | 20 8 | < 0.0050 | < 0.0060 | < 0 0050 | +0 0050 | 0.494 | <0.14 | < 0 10 | HA. | NA . | NA | NÁ | NA | NA | NA | NA. | NA | NA | NA NA | NA | NA | NA . | NA NA | NA | 342 | = 5.0 | 1 86 | 3.54 |
| MW-I (Fillers) | 10/7/15 | HET | NA. | NA | N/A | NA | 76A | NA | NA | NA | NA . | NA | 164 | NA. | NA | 0.0282 | 3.37 | < 0.0050 | 971 | < 0.040 | 34.0 | < 0.010 | 334 | 6.75 | < 0 00020 | 4 22 | < 0.050 | < 0 010 | 1290 | 9.29 | + 0 060 | 344 | 365 | NA. | SEA |
| MW-4 (20-12) | 100115 | 1009 | 4870 | MA. | ALA. | MA | 9170 | 25 | <000 | +9.901 | <061 | +0.05 | 2.28 | 9.21 | €11 | -980 | 221 | -0.006 | 900 | -00 | 38.6 | -601 | 342 | 436 | -0.0000 | 95 | MA. | HA. | 5967 | 2,44 | 1.023 | 28 | +100 | 9471 | 7.12 |
| ane-E (10-15) | 10/6/15 | HET | 9550 | 29 6 | 324 | 26 2 | 18400 | 168 | < 0.0050 | < 0 0050 | < 0 0050 | + 0 0050 | 0.405 | < 5.14 | < 0.10 | < 0.010 | 3 95 | < 0.0050 | 1960 | < 0.040 | 102 | < 0.010 | 665 | 114 | < 0 00020 | 5 49 | < 0.050 | < 0 010 | 3500 | 202 | # 0 060 | 468 | ₹50 | 4 26 | 4.88 |
| MIK-S PERMAN | 10/8/15 | HET | NA | HA | N/A | NA | NA | NA | NA | NA . | NA NA | NA | NA. | 168. | PAR. | < 0.010 | 5 04 | < 0.0050 | 2010 | < 0.040 | 101 | < 0.010 | 695 | 11.5 | < 0 00020 | 5 83 | < 0 050 | < 0 010 | 3350 | 21.7 | = 0 060 | NA | NGA | NA | NA |
| 304.3 (40.11) | HOSTE | XXX | 10000 | HA | MA | NA. | 21800 | 136 | <:005 | -0.000 | -901 | +0.05 | 0.33 | 0.13 | S10 | 1027 | 2.0 | -0.005 | 1042 | 4E01 | 97.8 | +0.01 | 877 | 53.8 | +0.5002 | 5.48 | III. | MA | 3540 | 17.2 | 0.001 | 883 | 4300 | 241 | 3.89 |
| MW-6-02-173 | 10/8/15 | HET | 10000 | 31.7 | 315 | 27 7 | 20100 | 13.4 | < 0 0050 | < 0.0050 | < 0 0050 | × 0 0050 | 0.215 | H016 | < 0.10 | 0.0110 | 10.6 | < 0.0050 | 2050 | < 0.040 | 182 | < 0.010 | 100 | 13.5 | < 0 00020 | 5 92 | < 0 050 | < 0.010 | 3320 | 21.6 | # 0 060 | 480 | ∫ 50 | 4.42 | 6.61 |
| MW-6 (Pitterio) | 10/6/15 | HET | NA | HDs · | N/A | NA : | NA | NA | NA | NA . | NA | NA | NA NA | NA. | HA? | < 0 010 | 1 22 | < 0 0050 | 1920 | < 0.040 | 144 | < 0.010 | 728 | (11.3 | < 0.00020 | 5 89 | < 0 050 | < 0 010 | 3260 | 2 32 | + 0 060 | NA | NA | NA | NA |
| MH-6-(12-17) | 133.04 | ICON. | 15500 | NA: | MK | MA | 25300 | ttio: | +0.005 | <0.005 | -0.0t00 | -0.0000 | <13 | 4032 | C.15 | -0.012 | 8,38 | ~0.005 | 3000 | +0,01 | 194 | *0.01 | 704 | 11 | -0.0002 | 6.81 | 168 | 143 | 3460 | 17.8 | 0.015 | 600 | -160 | 6.52 | 0.34 |
| MW-6FD | 10/6/15 | HET | 10300 | 314 | 328 | 28 | 19700 | 15.3 | < 0.0050 | < 0 0050 | < 0 0050 | # 0 0050 | 0.233 | < 0.14 | +0.10 | < 0.010 | 10.6 | < 0.0050 | 2040 | < 0.040 | 143 | < 0 0 10 | 860 | 124 | < 0.00020 | 5 77 | < 0.050 | < 0.010 | 3270 | 21 6 | = 0 060 | 404 | # 6 0 | 3.75 | 6.17 |
| MW-8FD (Filtered) | 10/6/15 | HET | NA. | NA . | N/A | NA | NA | NA. | SLA | NA. | NA. | NA | NA | NA . | NA NA | < 0.010 | 11.2 | < 0.0050 | 2080 | < 0.040 | 181 | < 0.010 | 680 | 12.7 | = 0 00020 | 6 76 | < 0.050 | < 0 010 | 3420 | 22.7 | # 0 060 | NA. | NA. | NA NA | NA NA |
| Maximum | PAVA. | N/A | 30700 | 420 | 328 | 63.8 | 32600 | 168 | 0.487 | 0 135 | 0 005 | 0 357 | 15.1 | 2.73 | 2.92 | 0 132 | 21.5 | -2 001 | 2230 | 0.017 | 154 | 40 010 | 728 | 158 | <0 0002 | 84 8 | # 196 | <0.010 | 15500 | 150 | 0 066 | 1110 | <100 | 47. | (4) |
| RECAP Standards. ¹ | 10/20/01 | N/A | 250 1 | N/A | N/R | N/A | 500 ′ | 250 2 | 0 005 | 0.7 | , | 10 | 0.15 | 0 15 | 0 15 | 0 01 | 2 | 0 005 | N/A | 0.1 | 03" | 0.015 | N/A | 0.05 ' | 0 002 | N/A | 0.05 | 0 018 | N/A | N/A | 11 | N/A | N/A | § Comb | aned " |
| | | | | " " | | | | | | | | | | | | | Applicant P | brameters | | | | | | | | | | | | | | | | | |
| | | | | VPH | | | | | 874 | | | | | | | | | | | | | | PAH | | | | | | | | | | | | |
| Well Hemplear | Dete | Sampler | CS-CS Alighatics | Alphanis | | | Arematics | Allohatics | Aromatics | Aromatics | Allphance | C21-C35 Acomatics | 2-Methyln | aphthalene | Acene | phthene | Aceneph | thylene | Anthracem | Senz(a) an | thracerre | Senzo | (е) ругеле | Berzo(b) St | voranthene | Berzo(k) f | Suoranthene | Chrysene | Dibens(a,/l) anificaceire | Fluorenthene | Fluorene | ed mens | Naphthalene | Phenantimene | Pyrane |
| (Screen Internal) | | | AFA | MA | MA | MA | MA | MEA | SEA | SEA | MA | MA | 87 | 700 | 82 | 700 | #270 | סג | M270D | 827 | _ | | 1700 | 827 | מס | 82 | 2700 | 82700 | 82700 | 82700 | #270D | 82700 | 82700 | \$270D | #270D |
| | | | mg/L | rog/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/l. | mg/L | m | gl | | rg/L | ng | r. | mg/L | mg | _ | , | mg/L | mg | | _ | 7g/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| MW-1 (20-25) | 10/8/15 | HET | +015 | ×0.19 | +016 | <014 | 1514 | 4054 | + 0 54 | +0.84 | +0.14 | 0.155 | | NA. | _ | NA. | 160 | _ | NA. | . 16 | _ | - | 161. | - 4 | × | _ | NA | NA. | NA. | NA. | NA. | NA. | NA. | NA. | NA. |
| MW-2 (75-20) | 10/8/15 | HET | 6 663 | 0.500 | 0 516 | +0.14 | = Q14 | -014 | + 0.14 | +014 | 4214 | +014 | | 1172 | _ | 00019 | +000 | _ | < 0.00019 | < 0.00 | | _ | 00019 | < 0.0 | | _ | 00019 | < 0 00019 | < 0.00019 | < 0 00019 | 0 00032 | < 0 00019 | 0 0497 | 0 0002 | + 0 00219 |
| ANV-3 (15-20) | 10/7/15 | HET | < 0 15 | < 0.15 | 4016 | 4034 | 1014 | +01# | < 0.16 | +0.14 | +014 | 4 G 14 | < 0.0 | 00020 | +0 | 00020 | + 0 00 | J020 | = 0 00020 | < 0.00 | 0020 | *** | 00020 | <00 | 0020 | <0 | 00020 | + 0 00020 | < 0 00020 | < 0 00020 | + 00020 | < 0 00020 | < 0 00020 | < 0 00020 | + 0 00020 |

NA

TAK

NA.

NA:

+0.0003

01

NA

146

NA

<0.0002

0.043

NA

NA.

NA:

NA.

+0.0002

0 0019

NA.

NA

166

NA

<0.0002

0.0002

NA

THE.

INA:

NA.

<0.0002

0 0048

nc4

TNK

: NA:

ONK

<0.0002

0 0025

NA: HA.

NA:

NA. NA:

NA

<0.0002 <0.0002

0 0016 0 0025 NA NA

MA NA: NA.

MA

NA NA NA

0.15 0 024 0 0037

<0.0002 0.00032

NA.

NX. NA.

10/20/03 N/A 3.2 0.15 0.15 0.15 0.15 1. RECAP Groundwaler Screening Standards per Table 1 of RECAP document dated October 20, 2003 stated for reference purposes only
2. EPA Scenaria Dinning Water Standard
EEC - Rectional Conductority
TOS - Total Describer Science
EC - Rectional Conductority
TOS - Total Describer Science
Filters - Disable and make 1 for an appropriate programme of the program

< 0.15 #0.15

0 663 0.5

<015 <015 <015

< 0.15 # 0.15 # 0.15

HET <015 =015 =016 =018 =018 =018

+0.15 40 13 =013 +013

0.516 ×0.14 +0 14 +0.14 ≺0 14

#013 <0.15 +013

+013 +013 +013 = 0 14

+ 0.13

< 0.13

0.15

< 0.14 # @ 14

< 0.13

+0.13

< 0 13

10.14

< 0 13

+0.13

< 0.13

10.14

0 15 73 = 0.16

= 0 13

< 0.13

< 0.13

0.155

0 15

NA

HA:

NA

0.0172

0.00062

NA

NA

NA

NA

<0.0002

0 037

MW-4 (10-15)

MW-6 (12-77)

MW-6 FD

HET

HET

HET

N/A N/A

NA

<0.0002

NA

166

NA

9.0497

0.01

NA

NA:

NA

0 0002

0 18

NA

86.1

NA.

NA

+0 € 002

0.018