

Paunch

| EPA ID | Frequency Required under EPL | Monitoring Point Name | Day | Month | Year | Bulk Density wet g/cm3 | Bulk Density dry g/cm3 | Moisture Content % by weight | Calcium mg/kg DM | Chloride mg/kg DM | Electrical Conductivity dS/m | Magnesium mg/kg DM | Total Nitrogen %DM | Total Nitrogen mg/kg DM | Nitrate mg/kg | Organic Carbon %DM | Organic Carbon mg/kg DM | pH | Total Phosphorous %DM | Total Phosphorous mg/kg DM | Potassium mg/kg | Sodium mg/kg | Sodium Adsorption Ratio | Sulfur %DM | Sulfur mg/kg DM |
|--------|------------------------------|-----------------------|-----|-----------|------|------------------------|------------------------|------------------------------|------------------|-------------------|------------------------------|--------------------|--------------------|-------------------------|---------------|--------------------|-------------------------|------|-----------------------|----------------------------|-----------------|--------------|-------------------------|------------|-----------------|
| 23 | Monthly | Solids storage pad | 11 | February | 2014 | | | 79.60 | 4949.00 | 640.00 | 1.38 | 847.00 | 1.67 | 16700.00 | 6.70 | 46.04 | 460400.00 | 6.69 | 0.31 | 3130.00 | 1428.00 | 2648.00 | 9.10 | 0.15 | 1500.00 |
| 23 | Monthly | Solids storage pad | 18 | March | 2014 | | | 91.10 | 6309.00 | 946.00 | 2.79 | 1276.00 | 1.66 | 16600.00 | 8.20 | 45.76 | 457600.00 | 7.40 | 0.40 | 4010.00 | 2575.00 | 2941.00 | 8.80 | 0.18 | 1800.00 |
| 23 | Monthly | Solids storage pad | 8 | April | 2014 | | | 90.50 | 6038.00 | 880.00 | 1.48 | 1156.00 | 1.86 | 18600.00 | 8.50 | 46.99 | 469900.00 | 6.76 | 0.39 | 3890.00 | 1398.00 | 2928.00 | 9.00 | 0.18 | 1800.00 |
| 23 | Monthly | Solids storage pad | 7 | May | 2014 | | | 86.20 | 5233.00 | 1868.00 | 1.58 | 874.00 | 2.42 | 24200.00 | 10.00 | 49.97 | 499700.00 | 6.83 | 0.37 | 3710.00 | 1867.00 | 3695.00 | 12.40 | 0.27 | 2700.00 |
| 23 | Monthly | Solids storage pad | 10 | June | 2014 | | | 84.73 | 5584.00 | 614.00 | 2.29 | 902.00 | 2.17 | 21700.00 | 4.70 | 48.00 | 480000.00 | 6.94 | 0.43 | 4250.00 | 1995.00 | 2820.00 | 9.20 | 0.30 | 3000.00 |
| 23 | Monthly | Solids storage pad | 9 | July | 2014 | | | 85.40 | 5680.00 | 981.00 | 1.63 | 626.00 | 1.45 | 14500.00 | 8.60 | 45.25 | 452500.00 | 7.63 | 0.30 | 3040.00 | 1765.00 | 3511.00 | 11.80 | 0.16 | 1600.00 |
| 23 | Monthly | Solids storage pad | 12 | August | 2014 | | | 84.50 | 6975.00 | 1259.00 | 1.28 | 893.00 | 2.67 | 26700.00 | 2.90 | 49.38 | 493800.00 | 6.39 | 0.44 | 4390.00 | 1339.00 | 3412.00 | 10.20 | 0.25 | 2500.00 |
| 23 | Monthly | Solids storage pad | 10 | September | 2014 | | | 79.20 | 4798.00 | 369.00 | 1.24 | 1428.00 | 2.16 | 21600.00 | 3.30 | 45.59 | 455900.00 | 6.76 | 0.23 | 2330.00 | 1787.00 | 3494.00 | 11.40 | 0.25 | 2500.00 |
| 23 | Monthly | Solids storage pad | 10 | October | 2014 | | | 86.60 | 4331.00 | 850.00 | 2.56 | 837.00 | 2.02 | 20200.00 | 6.50 | 45.34 | 453400.00 | 6.43 | 0.40 | 4020.00 | 2349.00 | 3278.00 | 11.90 | 0.21 | 2100.00 |
| 23 | Monthly | Solids storage pad | 14 | November | 2014 | | | 83.20 | 4817.00 | 926.00 | 1.70 | 1292.00 | 1.55 | 15500.00 | 19.60 | 43.89 | 438900.00 | 6.85 | 0.23 | 2310.00 | 2160.00 | 3240.00 | 10.70 | 0.19 | 1900.00 |
| 23 | Monthly | Solids storage pad | 19 | December | 2014 | | | 85.90 | 4361.00 | 1382.00 | 2.76 | 1082.00 | 1.21 | 12100.00 | 6.10 | 40.73 | 407300.00 | 7.75 | 0.32 | 3190.00 | 3150.00 | 4257.00 | 14.90 | 0.15 | 1500.00 |
| 23 | Monthly | Solids storage pad | 16 | January | 2014 | | | 88.50 | 7244.00 | 1183.00 | 2.30 | 1173.00 | 2.75 | 27500.00 | 5.00 | 45.38 | 453800.00 | 6.57 | 0.41 | 4110.00 | 2130.00 | 3800.00 | 10.90 | 0.26 | 2600.00 |
| 23 | Monthly | Solids storage pad | 21 | February | 2015 | 0.82 | 0.12 | 85.00 | 6895.00 | 1132.00 | 1.48 | 1936.00 | 2.23 | 22300.00 | 6.50 | 47.16 | 471600.00 | 6.42 | 0.45 | 4460.00 | 2661.00 | 3480.00 | 9.50 | 0.25 | 2500.00 |
| 23 | Monthly | Solids storage pad | 1 | March | 2015 | 0.86 | 0.12 | 85.80 | 2092.00 | 533.00 | 1.70 | 409.00 | 1.50 | 15000.00 | 1.60 | 45.62 | 456200.00 | 6.86 | 0.18 | 1770.00 | 1517.00 | 2765.00 | 14.50 | 0.16 | 1600.00 |
| 23 | Monthly | Solids storage pad | 1 | April | 2015 | 0.95 | 0.12 | 87.30 | 4237.00 | 1455.00 | 1.43 | 1369.00 | 2.24 | 22400.00 | 2.80 | 47.50 | 475000.00 | 6.50 | 0.26 | 2560.00 | 2581.00 | 3084.00 | 10.50 | 0.28 | 2800.00 |
| 23 | Monthly | Solids storage pad | 1 | May | 2015 | 0.72 | 0.12 | 83.10 | 4027.00 | 874.00 | 3.15 | 705.00 | 1.84 | 18400.00 | 6.90 | 42.38 | 423800.00 | 6.05 | 0.28 | 2750.00 | 1527.00 | 3781.00 | 14.40 | 0.11 | 1100.00 |
| 23 | Monthly | Solids storage pad | 1 | June | 2015 | 1.00 | 0.11 | 89.10 | 4655.00 | 173.00 | 0.89 | 623.00 | 1.52 | 15200.00 | 12.90 | 45.11 | 451100.00 | 6.70 | 0.33 | 3280.00 | 1704.00 | 2926.00 | 10.70 | 0.15 | 1500.00 |
| 23 | Monthly | Solids storage pad | 1 | July | 2015 | 0.87 | 0.13 | 85.50 | 5868.00 | 1813.00 | 1.75 | 1902.00 | 1.66 | 16600.00 | 1.80 | 44.67 | 446700.00 | 6.42 | 0.32 | 3210.00 | 3978.00 | 3252.00 | 9.40 | 0.22 | 2200.00 |
| 23 | Monthly | Solids storage pad | 1 | August | 2015 | 0.55 | 0.11 | 79.80 | 4148.00 | 1211.00 | 0.79 | 826.00 | 1.02 | 10200.00 | 2.90 | 46.45 | 464500.00 | 7.52 | 0.23 | 2290.00 | 1516.00 | 2857.00 | 10.60 | 0.32 | 3200.00 |
| 23 | Monthly | Solids storage pad | 1 | September | 2015 | 0.84 | 0.12 | 85.70 | 10895.00 | 1650.00 | 2.92 | 1748.00 | 2.18 | 21800.00 | 1.50 | 47.55 | 475500.00 | 5.70 | 0.51 | 5090.00 | 2268.00 | 3799.00 | 8.90 | 0.16 | 1600.00 |
| 23 | Monthly | Solids storage pad | 1 | October | 2015 | 0.78 | 0.11 | 85.60 | 4557.00 | 2150.00 | 0.78 | 609.00 | 1.83 | 18300.00 | 5.50 | 49.32 | 493200.00 | 6.60 | 0.29 | 2870.00 | 1302.00 | 2749.00 | 10.10 | 0.28 | 2800.00 |
| 23 | Monthly | Solids storage pad | 1 | November | 2015 | 0.70 | 0.11 | 83.80 | 4416.00 | 1053.00 | 1.32 | 537.00 | 2.05 | 20500.00 | 2.10 | 48.51 | 485100.00 | 5.98 | 0.32 | 3150.00 | 1571.00 | 3888.00 | 14.70 | 0.14 | 1400.00 |
| 23 | Monthly | Solids storage pad | 1 | December | 2015 | 0.35 | 0.09 | 73.20 | 4791.00 | 1115.00 | 2.21 | 822.00 | 1.93 | 19300.00 | 0.30 | 48.87 | 488700.00 | 6.01 | 0.34 | 3400.00 | 2044.00 | 4338.00 | 15.20 | 0.17 | 1700.00 |
| 23 | Monthly | Solids storage pad | 1 | January | 2016 | 0.94 | 0.12 | 86.70 | 9616.00 | 1439.00 | 1.16 | 1712.00 | 1.86 | 18600.00 | 4.20 | 44.16 | 441600.00 | 6.50 | 0.46 | 4590.00 | 2404.00 | 2562.00 | 6.30 | 0.18 | 1800.00 |
| 23 | Monthly | Solids storage pad | 25 | February | 2016 | 0.70 | 0.15 | 79.20 | 5099.00 | 1403.00 | 0.94 | 795.00 | 1.96 | 19600.00 | 5.00 | 52.81 | 528100.00 | 6.70 | 0.17 | 1700.00 | 1752.00 | 2080.00 | 7.10 | 0.15 | 1500.00 |
| 23 | Monthly | Solids storage pad | 10 | March | 2016 | 0.74 | 0.13 | 82.10 | 3290.00 | 855.00 | 0.93 | 570.00 | 1.57 | 15700.00 | 2.70 | 48.71 | 487100.00 | 6.16 | 0.15 | 1500.00 | 1419.00 | 2359.00 | 10.00 | 0.19 | 1900.00 |
| 23 | Monthly | Solids storage pad | 14 | April | 2016 | 0.97 | 0.10 | 90.10 | 6164.00 | 24.00 | 0.62 | 779.00 | 1.69 | 16900.00 | 2.40 | 48.65 | 486500.00 | 6.21 | 0.28 | 2810.00 | 1294.00 | 1837.00 | 5.90 | 0.17 | 1700.00 |
| 23 | Monthly | Solids storage pad | 19 | May | 2016 | 0.53 | 0.12 | 77.60 | 5742.00 | 1223.00 | 0.54 | 1605.00 | 1.53 | 15300.00 | 4.70 | 39.77 | 397700.00 | 6.59 | 0.20 | 1990.00 | 1334.00 | 1011.00 | 3.00 | 0.13 | 1300.00 |
| 23 | Monthly | Solids storage pad | 23 | June | 2016 | 0.82 | 0.14 | 82.30 | 3247.00 | 261.00 | 1.11 | 545.00 | 1.77 | 17700.00 | 6.10 | 49.46 | 494600.00 | 6.56 | 0.14 | 1360.00 | 1173.00 | 2103.00 | 9.00 | 0.13 | 1300.00 |
| 23 | Monthly | Solids storage pad | 22 | July | 2016 | 0.65 | 0.10 | 84.50 | 4615.00 | 602.00 | 0.62 | 816.00 | 1.01 | 10100.00 | 5.40 | 45.55 | 455500.00 | 6.36 | 0.19 | 1880.00 | 1114.00 | 1441.00 | 5.10 | 0.16 | 1600.00 |
| 23 | Monthly | Solids storage pad | 26 | August | 2016 | 0.57 | 0.13 | 77.10 | 6157.00 | 417.00 | 0.44 | 871.00 | 1.70 | 17000.00 | 0.90 | 47.00 | 470000.00 | 5.71 | 0.25 | 2470.00 | 613.00 | 1155.00 | 3.60 | 0.12 | 1200.00 |
| 23 | Monthly | Solids storage pad | 27 | October | 2016 | 0.65 | 0.11 | 82.90 | 9512.00 | 55.00 | 2.72 | 1158.00 | 1.76 | 17600.00 | 3.00 | 45.28 | 452800.00 | 6.20 | 0.42 | 4200.00 | 1779.00 | 2054.00 | 5.30 | 0.14 | 1400.00 |
| 23 | Monthly | Solids storage pad | 2 | December | 2016 | 0.59 | 0.14 | 76.50 | 3021.00 | 496.00 | 1.31 | 447.00 | 1.17 | 11700.00 | 1.80 | 48.18 | 481800.00 | 6.29 | 0.14 | 1420.00 | 1188.00 | 2587.00 | 11.60 | 0.11 | 1100.00 |
| 23 | Monthly | Solids storage pad | 19 | January | 2017 | 0.63 | 0.11 | 83.10 | 6767.00 | 1097.00 | 0.92 | 962.00 | 1.24 | 12400.00 | 22.80 | 47.00 | 470000.00 | 6.67 | 0.30 | 2950.00 | 2103.00 | 2448.00 | 7.40 | 0.01 | 110.00 |