



**First  
Environmental  
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)

**Date Collected:** 05/15/18

**Project ID:** ADS/McLean Co LF #2 - GW

**Time Collected:** 11:34

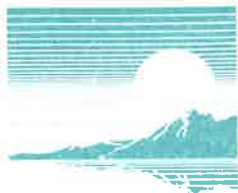
**Sample ID:** G222

**Date Received:** 05/17/18

**Sample No:** 18-2706-002

**Date Reported:** 06/11/18

| Analyte                   | Result  | R.L.  | Units | Date Analyzed | Method         | Flag |
|---------------------------|---------|-------|-------|---------------|----------------|------|
| Ammonia (as N), Dissolved | 3.31    | 0.10  | mg/L  | 05/24/18      | 350.1R2.0      |      |
| Chloride, Dissolved       | 9       | 5     | mg/L  | 05/25/18      | 4500Cl, E 1997 |      |
| Cyanide, Total            | < 0.005 | 0.005 | mg/L  | 05/24/18      | 335.4R1.0      |      |
| Nitrate (as N), Dissolved | < 0.10  | 0.10  | mg/L  | 05/21/18      | 353.2R2.0      |      |
| Oil (Hexane soluble)      | < 5     | 5     | mg/L  | 05/30/18      | 1664B 2010     |      |
| Phenols                   | < 10    | 10    | ug/L  | 05/31/18      | 420.4R1.0      |      |
| Sulfate, Dissolved        | < 10    | 15    | mg/L  | 06/04/18      | 375.2R2.0      | J    |
| Total Dissolved Solids    | 458     | 10    | mg/L  | 05/18/18 9:30 | 2540C 1997     |      |



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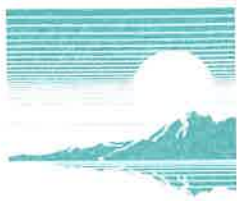
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**Analytical Report**

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**Date Reported:** 06/11/18

| Analyte                                                                      | Result | R.L. | Units | Flags |
|------------------------------------------------------------------------------|--------|------|-------|-------|
| <b>Dissolved Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3010A</b> |        |      |       |       |
| Analysis Date: 06/08/18      Preparation Date: 06/07/18                      |        |      |       |       |
| Arsenic, diss.                                                               | 62     | 10   | ug/L  |       |
| Boron, diss.                                                                 | 464    | 50   | ug/L  |       |
| Cadmium, diss.                                                               | < 1    | 5    | ug/L  | J     |
| Chromium, diss.                                                              | < 1    | 5    | ug/L  | J     |
| Lead, diss.                                                                  | 2      | 5    | ug/L  | J     |
| Zinc, diss.                                                                  | < 5    | 10   | ug/L  | J     |
| Magnesium, diss.                                                             | 42.3   | 0.5  | mg/L  |       |
| <b>Dissolved Mercury</b> <b>Method: 7470A</b>                                |        |      |       |       |
| Analysis Date: 06/07/18                                                      |        |      |       |       |
| Mercury, diss.                                                               | < 0.5  | 0.5  | ug/L  |       |
| <b>Volatile Organic Compounds</b> <b>Method: 5030B/8260B</b>                 |        |      |       |       |
| Analysis Date: 05/29/18                                                      |        |      |       |       |
| Acetone                                                                      | < 10.0 | 10.0 | ug/L  |       |
| Acrylonitrile                                                                | < 100  | 100  | ug/L  |       |
| Benzene                                                                      | < 1.0  | 1.0  | ug/L  |       |
| Bromobenzene                                                                 | < 1.0  | 1.0  | ug/L  |       |
| Bromochloromethane                                                           | < 1.0  | 1.0  | ug/L  |       |
| Bromodichloromethane                                                         | < 1.0  | 1.0  | ug/L  |       |
| Bromoform                                                                    | < 1.0  | 1.0  | ug/L  |       |
| Bromomethane                                                                 | < 2.0  | 2.0  | ug/L  |       |
| 2-Butanone (MEK)                                                             | < 10.0 | 10.0 | ug/L  |       |
| n-Butylbenzene                                                               | < 1.0  | 1.0  | ug/L  |       |
| sec-Butylbenzene                                                             | < 1.0  | 1.0  | ug/L  |       |
| tert-Butylbenzene                                                            | < 1.0  | 1.0  | ug/L  |       |
| Carbon disulfide                                                             | < 1.0  | 1.0  | ug/L  |       |
| Carbon tetrachloride                                                         | < 1.0  | 1.0  | ug/L  |       |
| Chlorobenzene                                                                | < 1.0  | 1.0  | ug/L  |       |
| Chlorodibromomethane                                                         | < 1.0  | 1.0  | ug/L  |       |
| Chloroethane                                                                 | < 2.0  | 2.0  | ug/L  |       |
| Chloroform                                                                   | < 1.0  | 1.0  | ug/L  |       |
| Chloromethane                                                                | < 2.0  | 2.0  | ug/L  |       |
| 2-Chlorotoluene                                                              | < 1.0  | 1.0  | ug/L  |       |
| 4-Chlorotoluene                                                              | < 1.0  | 1.0  | ug/L  |       |
| Dibromomethane                                                               | < 1.0  | 1.0  | ug/L  |       |
| 1,2-Dichlorobenzene                                                          | < 1.0  | 1.0  | ug/L  |       |



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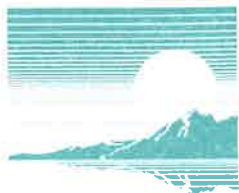
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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G222  
**Sample No:** 18-2706-002

**Date Collected:** 05/15/18  
**Time Collected:** 11:34  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                     | Result | R.L.                | Units | Flags |
|-----------------------------|--------|---------------------|-------|-------|
| Volatile Organic Compounds  |        | Method: 5030B/8260B |       |       |
| Analysis Date: 05/29/18     |        |                     |       |       |
| 1,3-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  |       |
| 1,4-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,4-Dichloro-2-butene | < 1.0  | 1.0                 | ug/L  |       |
| Dichlorodifluoromethane     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethene          | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,2-Dichloroethene      | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,2-Dichloroethene    | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 2,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloropropene         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropene (total) | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,3-Dichloropropene     | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,3-Dichloropropene   | < 1.0  | 1.0                 | ug/L  |       |
| Ethylbenzene                | < 1.0  | 1.0                 | ug/L  |       |
| Hexachlorobutadiene         | < 5.0  | 5.0                 | ug/L  |       |
| 2-Hexanone                  | < 1.0  | 10                  | ug/L  | J     |
| Iodomethane                 | < 1.0  | 1.0                 | ug/L  |       |
| Isopropylbenzene            | < 1.0  | 1.0                 | ug/L  |       |
| p-Isopropyltoluene          | < 1.0  | 1.0                 | ug/L  |       |
| 4-Methyl-2-pentanone (MIBK) | < 10.0 | 10.0                | ug/L  |       |
| Methylene chloride          | < 5.0  | 5.0                 | ug/L  |       |
| Naphthalene                 | < 5.0  | 5.0                 | ug/L  |       |
| n-Propylbenzene             | < 1.0  | 1.0                 | ug/L  |       |
| Styrene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| Tetrachloroethene           | < 1.0  | 1.0                 | ug/L  |       |
| Tetrahydrofuran             | < 1.0  | 1.0                 | ug/L  |       |
| Toluene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,3-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,4-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |



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**Sample ID:** G222  
**Sample No:** 18-2706-002

**Date Collected:** 05/15/18  
**Time Collected:** 11:34  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                                  | Result | R.L.                       | Units | Flags |
|------------------------------------------|--------|----------------------------|-------|-------|
| <b>Volatile Organic Compounds</b>        |        | <b>Method: 5030B/8260B</b> |       |       |
| Analysis Date: 05/29/18                  |        |                            |       |       |
| Trichloroethene                          | < 1.0  | 1.0                        | ug/L  |       |
| Trichlorofluoromethane                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,2,3-Trichloropropane                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,2,4-Trimethylbenzene                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,3,5-Trimethylbenzene                   | < 1.0  | 1.0                        | ug/L  |       |
| Vinyl acetate                            | < 5.0  | 5.0                        | ug/L  |       |
| Vinyl chloride                           | < 2.0  | 2.0                        | ug/L  |       |
| Xylene, Total                            | < 1.0  | 1.0                        | ug/L  |       |
| <b>Volatile Organic Compounds (8011)</b> |        | <b>Method: 8011</b>        |       |       |
| Analysis Date: 06/10/18                  |        |                            |       |       |
| 1,2-Dibromo-3-chloropropane              | < 0.02 | 0.02                       | ug/L  |       |
| 1,2-Dibromoethane (EDB)                  | < 0.05 | 0.05                       | ug/L  |       |



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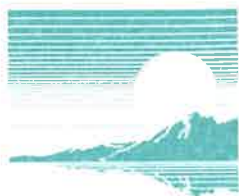
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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G114  
**Sample No:** 18-2706-005

**Date Collected:** 05/15/18  
**Time Collected:** 10:07  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                   | Result  | R.L.  | Units | Date Analyzed | Method         | Flag |
|---------------------------|---------|-------|-------|---------------|----------------|------|
| Ammonia (as N), Dissolved | 0.40    | 0.10  | mg/L  | 05/24/18      | 350.1R2.0      |      |
| Chloride, Dissolved       | 214     | 5     | mg/L  | 05/25/18      | 4500Cl, E 1997 |      |
| Cyanide, Total            | < 0.005 | 0.005 | mg/L  | 05/24/18      | 335.4R1.0      |      |
| Nitrate (as N), Dissolved | < 0.10  | 0.10  | mg/L  | 05/25/18      | 353.2R2.0      |      |
| Oil (Hexane soluble)      | < 5     | 5     | mg/L  | 05/30/18      | 1664B 2010     |      |
| Phenols                   | < 10    | 10    | ug/L  | 05/31/18      | 420.4R1.0      |      |
| Sulfate, Dissolved        | 180     | 15    | mg/L  | 06/04/18      | 375.2R2.0      |      |
| Total Dissolved Solids    | 1,080   | 10    | mg/L  | 05/18/18 9:30 | 2540C 1997     |      |



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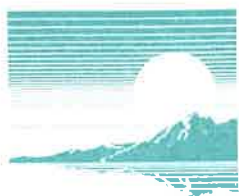
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**Sample ID:** G114  
**Sample No:** 18-2706-005

**Date Collected:** 05/15/18  
**Time Collected:** 10:07  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                           | Result | R.L.                            | Units | Flags |
|-----------------------------------|--------|---------------------------------|-------|-------|
| <b>Dissolved Metals</b>           |        |                                 |       |       |
| <b>Method: 6010C</b>              |        | <b>Preparation Method 3010A</b> |       |       |
| Analysis Date: 06/06/18           |        | Preparation Date: 05/24/18      |       |       |
| Arsenic, diss.                    | < 5    | 10                              | ug/L  | J     |
| Boron, diss.                      | 276    | 50                              | ug/L  |       |
| Cadmium, diss.                    | < 1    | 5                               | ug/L  | J     |
| Chromium, diss.                   | < 1    | 5                               | ug/L  | J     |
| Lead, diss.                       | < 2    | 5                               | ug/L  | J     |
| Zinc, diss.                       | < 5    | 10                              | ug/L  | J     |
| Magnesium, diss.                  | 67.2   | 0.5                             | mg/L  |       |
| <b>Dissolved Mercury</b>          |        |                                 |       |       |
| <b>Method: 7470A</b>              |        |                                 |       |       |
| Analysis Date: 06/07/18           |        |                                 |       |       |
| Mercury, diss.                    | < 0.5  | 0.5                             | ug/L  |       |
| <b>Volatile Organic Compounds</b> |        |                                 |       |       |
| <b>Method: 5030B/8260B</b>        |        |                                 |       |       |
| Analysis Date: 05/29/18           |        |                                 |       |       |
| Acetone                           | < 10.0 | 10.0                            | ug/L  |       |
| Acrylonitrile                     | < 100  | 100                             | ug/L  |       |
| Benzene                           | < 1.0  | 1.0                             | ug/L  |       |
| Bromobenzene                      | < 1.0  | 1.0                             | ug/L  |       |
| Bromochloromethane                | < 1.0  | 1.0                             | ug/L  |       |
| Bromodichloromethane              | < 1.0  | 1.0                             | ug/L  |       |
| Bromoform                         | < 1.0  | 1.0                             | ug/L  |       |
| Bromomethane                      | < 2.0  | 2.0                             | ug/L  |       |
| 2-Butanone (MEK)                  | < 10.0 | 10.0                            | ug/L  |       |
| n-Butylbenzene                    | < 1.0  | 1.0                             | ug/L  |       |
| sec-Butylbenzene                  | < 1.0  | 1.0                             | ug/L  |       |
| tert-Butylbenzene                 | < 1.0  | 1.0                             | ug/L  |       |
| Carbon disulfide                  | < 1.0  | 1.0                             | ug/L  |       |
| Carbon tetrachloride              | < 1.0  | 1.0                             | ug/L  |       |
| Chlorobenzene                     | < 1.0  | 1.0                             | ug/L  |       |
| Chlorodibromomethane              | < 1.0  | 1.0                             | ug/L  |       |
| Chloroethane                      | < 2.0  | 2.0                             | ug/L  |       |
| Chloroform                        | < 1.0  | 1.0                             | ug/L  |       |
| Chloromethane                     | < 2.0  | 2.0                             | ug/L  |       |
| 2-Chlorotoluene                   | < 1.0  | 1.0                             | ug/L  |       |
| 4-Chlorotoluene                   | < 1.0  | 1.0                             | ug/L  |       |
| Dibromomethane                    | < 1.0  | 1.0                             | ug/L  |       |
| 1,2-Dichlorobenzene               | < 1.0  | 1.0                             | ug/L  |       |



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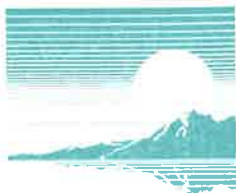
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**Analytical Report**

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**Sample ID:** G114  
**Sample No:** 18-2706-005

**Date Collected:** 05/15/18  
**Time Collected:** 10:07  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                     | Result | R.L.                | Units | Flags |
|-----------------------------|--------|---------------------|-------|-------|
| Volatile Organic Compounds  |        | Method: 5030B/8260B |       |       |
| Analysis Date: 05/29/18     |        |                     |       |       |
| 1,3-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  |       |
| 1,4-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,4-Dichloro-2-butene | < 1.0  | 1.0                 | ug/L  |       |
| Dichlorodifluoromethane     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethene          | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,2-Dichloroethene      | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,2-Dichloroethene    | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 2,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloropropene         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropene (total) | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,3-Dichloropropene     | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,3-Dichloropropene   | < 1.0  | 1.0                 | ug/L  |       |
| Ethylbenzene                | < 1.0  | 1.0                 | ug/L  |       |
| Hexachlorobutadiene         | < 5.0  | 5.0                 | ug/L  |       |
| 2-Hexanone                  | < 1.0  | 10                  | ug/L  | J     |
| Iodomethane                 | < 1.0  | 1.0                 | ug/L  |       |
| Isopropylbenzene            | < 1.0  | 1.0                 | ug/L  |       |
| p-Isopropyltoluene          | < 1.0  | 1.0                 | ug/L  |       |
| 4-Methyl-2-pentanone (MIBK) | < 10.0 | 10.0                | ug/L  |       |
| Methylene chloride          | < 5.0  | 5.0                 | ug/L  |       |
| Naphthalene                 | < 5.0  | 5.0                 | ug/L  |       |
| n-Propylbenzene             | < 1.0  | 1.0                 | ug/L  |       |
| Styrene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| Tetrachloroethene           | < 1.0  | 1.0                 | ug/L  |       |
| Tetrahydrofuran             | < 1.0  | 1.0                 | ug/L  |       |
| Toluene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,3-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,4-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |



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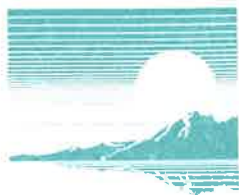
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**Sample No:** 18-2706-005

**Date Collected:** 05/15/18  
**Time Collected:** 10:07  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                                  | Result | R.L.                       | Units | Flags |
|------------------------------------------|--------|----------------------------|-------|-------|
| <b>Volatile Organic Compounds</b>        |        | <b>Method: 5030B/8260B</b> |       |       |
| Analysis Date: 05/29/18                  |        |                            |       |       |
| Trichloroethene                          | < 1.0  | 1.0                        | ug/L  |       |
| Trichlorofluoromethane                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,2,3-Trichloropropane                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,2,4-Trimethylbenzene                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,3,5-Trimethylbenzene                   | < 1.0  | 1.0                        | ug/L  |       |
| Vinyl acetate                            | < 5.0  | 5.0                        | ug/L  |       |
| Vinyl chloride                           | < 2.0  | 2.0                        | ug/L  |       |
| Xylene, Total                            | < 1.0  | 1.0                        | ug/L  |       |
| <b>Volatile Organic Compounds (8011)</b> |        | <b>Method: 8011</b>        |       |       |
| Analysis Date: 06/10/18                  |        |                            |       |       |
| 1,2-Dibromo-3-chloropropane              | < 0.02 | 0.02                       | ug/L  |       |
| 1,2-Dibromoethane (EDB)                  | < 0.05 | 0.05                       | ug/L  |       |





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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)

**Date Collected:** 05/15/18

**Project ID:** ADS/McLean Co LF #2 - GW

**Time Collected:** 10:42

**Sample ID:** G209

**Date Received:** 05/17/18

**Sample No:** 18-2706-008

**Date Reported:** 06/11/18

| <b>Analyte</b>            | <b>Result</b> | <b>R.L.</b> | <b>Units</b> | <b>Date<br/>Analyzed</b> | <b>Method</b>  | <b>Flag</b> |
|---------------------------|---------------|-------------|--------------|--------------------------|----------------|-------------|
| Ammonia (as N), Dissolved | < 0.10        | 0.10        | mg/L         | 05/24/18                 | 350.1R2.0      |             |
| Chloride, Dissolved       | 85            | 5           | mg/L         | 05/25/18                 | 4500Cl, E 1997 |             |
| Cyanide, Total            | < 0.005       | 0.005       | mg/L         | 05/24/18                 | 335.4R1.0      |             |
| Nitrate (as N), Dissolved | < 0.10        | 0.10        | mg/L         | 05/25/18                 | 353.2R2.0      |             |
| Oil (Hexane soluble)      | < 5           | 5           | mg/L         | 05/31/18                 | 1664B 2010     |             |
| Phenols                   | < 10          | 10          | ug/L         | 05/31/18                 | 420.4R1.0      |             |
| Sulfate, Dissolved        | 111           | 15          | mg/L         | 06/04/18                 | 375.2R2.0      |             |
| Total Dissolved Solids    | 665           | 10          | mg/L         | 05/18/18 9:30            | 2540C 1997     |             |



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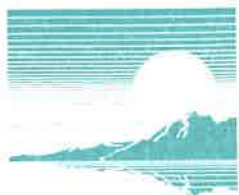
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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G209  
**Sample No:** 18-2706-008

**Date Collected:** 05/15/18  
**Time Collected:** 10:42  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                                                                      | Result | R.L. | Units | Flags |
|------------------------------------------------------------------------------|--------|------|-------|-------|
| <b>Dissolved Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3010A</b> |        |      |       |       |
| Analysis Date: 06/06/18      Preparation Date: 05/24/18                      |        |      |       |       |
| Arsenic, diss.                                                               | < 5    | 10   | ug/L  | J     |
| Boron, diss.                                                                 | 73     | 50   | ug/L  |       |
| Cadmium, diss.                                                               | < 1    | 5    | ug/L  | J     |
| Chromium, diss.                                                              | < 1    | 5    | ug/L  | J     |
| Lead, diss.                                                                  | < 2    | 5    | ug/L  | J     |
| Zinc, diss.                                                                  | < 5    | 10   | ug/L  | J     |
| Magnesium, diss.                                                             | 54.2   | 0.5  | mg/L  |       |
| <b>Dissolved Mercury</b> <b>Method: 7470A</b>                                |        |      |       |       |
| Analysis Date: 06/07/18                                                      |        |      |       |       |
| Mercury, diss.                                                               | < 0.5  | 0.5  | ug/L  |       |
| <b>Volatile Organic Compounds</b> <b>Method: 5030B/8260B</b>                 |        |      |       |       |
| Analysis Date: 05/29/18                                                      |        |      |       |       |
| Acetone                                                                      | < 10.0 | 10.0 | ug/L  |       |
| Acrylonitrile                                                                | < 100  | 100  | ug/L  |       |
| Benzene                                                                      | < 1.0  | 1.0  | ug/L  |       |
| Bromobenzene                                                                 | < 1.0  | 1.0  | ug/L  |       |
| Bromochloromethane                                                           | < 1.0  | 1.0  | ug/L  |       |
| Bromodichloromethane                                                         | < 1.0  | 1.0  | ug/L  |       |
| Bromoform                                                                    | < 1.0  | 1.0  | ug/L  |       |
| Bromomethane                                                                 | < 2.0  | 2.0  | ug/L  |       |
| 2-Butanone (MEK)                                                             | < 10.0 | 10.0 | ug/L  |       |
| n-Butylbenzene                                                               | < 1.0  | 1.0  | ug/L  |       |
| sec-Butylbenzene                                                             | < 1.0  | 1.0  | ug/L  |       |
| tert-Butylbenzene                                                            | < 1.0  | 1.0  | ug/L  |       |
| Carbon disulfide                                                             | < 1.0  | 1.0  | ug/L  |       |
| Carbon tetrachloride                                                         | < 1.0  | 1.0  | ug/L  |       |
| Chlorobenzene                                                                | < 1.0  | 1.0  | ug/L  |       |
| Chlorodibromomethane                                                         | < 1.0  | 1.0  | ug/L  |       |
| Chloroethane                                                                 | < 2.0  | 2.0  | ug/L  |       |
| Chloroform                                                                   | < 1.0  | 1.0  | ug/L  |       |
| Chloromethane                                                                | < 2.0  | 2.0  | ug/L  |       |
| 2-Chlorotoluene                                                              | < 1.0  | 1.0  | ug/L  |       |
| 4-Chlorotoluene                                                              | < 1.0  | 1.0  | ug/L  |       |
| Dibromomethane                                                               | < 1.0  | 1.0  | ug/L  |       |
| 1,2-Dichlorobenzene                                                          | < 1.0  | 1.0  | ug/L  |       |



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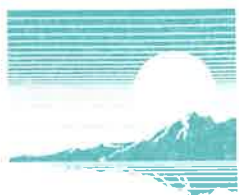
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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G209  
**Sample No:** 18-2706-008

**Date Collected:** 05/15/18  
**Time Collected:** 10:42  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                     | Result | R.L.                | Units | Flags |
|-----------------------------|--------|---------------------|-------|-------|
| Volatile Organic Compounds  |        | Method: 5030B/8260B |       |       |
| Analysis Date: 05/29/18     |        |                     |       |       |
| 1,3-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  | J     |
| 1,4-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,4-Dichloro-2-butene | < 1.0  | 1.0                 | ug/L  |       |
| Dichlorodifluoromethane     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethene          | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,2-Dichloroethene      | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,2-Dichloroethene    | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 2,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloropropene         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropene (total) | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,3-Dichloropropene     | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,3-Dichloropropene   | < 1.0  | 1.0                 | ug/L  |       |
| Ethylbenzene                | < 1.0  | 1.0                 | ug/L  |       |
| Hexachlorobutadiene         | < 5.0  | 5.0                 | ug/L  |       |
| 2-Hexanone                  | < 1.0  | 10                  | ug/L  |       |
| Iodomethane                 | < 1.0  | 1.0                 | ug/L  |       |
| Isopropylbenzene            | < 1.0  | 1.0                 | ug/L  |       |
| p-Isopropyltoluene          | < 1.0  | 1.0                 | ug/L  |       |
| 4-Methyl-2-pentanone (MIBK) | < 10.0 | 10.0                | ug/L  |       |
| Methylene chloride          | < 5.0  | 5.0                 | ug/L  |       |
| Naphthalene                 | < 5.0  | 5.0                 | ug/L  |       |
| n-Propylbenzene             | < 1.0  | 1.0                 | ug/L  |       |
| Styrene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| Tetrachloroethene           | < 1.0  | 1.0                 | ug/L  |       |
| Tetrahydrofuran             | < 1.0  | 1.0                 | ug/L  |       |
| Toluene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,3-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,4-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |



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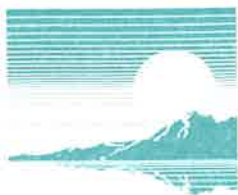
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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G209  
**Sample No:** 18-2706-008

**Date Collected:** 05/15/18  
**Time Collected:** 10:42  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                                  | Result | R.L.                       | Units | Flags |
|------------------------------------------|--------|----------------------------|-------|-------|
| <b>Volatile Organic Compounds</b>        |        | <b>Method: 5030B/8260B</b> |       |       |
| Analysis Date: 05/29/18                  |        |                            |       |       |
| Trichloroethene                          | < 1.0  | 1.0                        | ug/L  |       |
| Trichlorofluoromethane                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,2,3-Trichloropropane                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,2,4-Trimethylbenzene                   | < 1.0  | 1.0                        | ug/L  |       |
| 1,3,5-Trimethylbenzene                   | < 1.0  | 1.0                        | ug/L  |       |
| Vinyl acetate                            | < 5.0  | 5.0                        | ug/L  |       |
| Vinyl chloride                           | < 2.0  | 2.0                        | ug/L  |       |
| Xylene, Total                            | < 1.0  | 1.0                        | ug/L  |       |
| <b>Volatile Organic Compounds (8011)</b> |        | <b>Method: 8011</b>        |       |       |
| Analysis Date: 06/10/18                  |        |                            |       |       |
| 1,2-Dibromo-3-chloropropane              | < 0.02 | 0.02                       | ug/L  |       |
| 1,2-Dibromoethane (EDB)                  | < 0.05 | 0.05                       | ug/L  |       |



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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)

**Date Collected:** 05/15/18

**Project ID:** ADS/McLean Co LF #2 - GW

**Time Collected:** 9:14

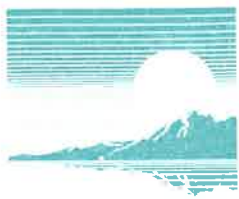
**Sample ID:** G213

**Date Received:** 05/17/18

**Sample No:** 18-2706-012

**Date Reported:** 06/11/18

| <b>Analyte</b>            | <b>Result</b> | <b>R.L.</b> | <b>Units</b> | <b>Date Analyzed</b> | <b>Method</b>  | <b>Flag</b> |
|---------------------------|---------------|-------------|--------------|----------------------|----------------|-------------|
| Ammonia (as N), Dissolved | 0.32          | 0.10        | mg/L         | 05/24/18             | 350.1R2.0      |             |
| Chloride, Dissolved       | 170           | 5           | mg/L         | 05/25/18             | 4500Cl, E 1997 |             |
| Cyanide, Total            | < 0.005       | 0.005       | mg/L         | 05/24/18             | 335.4R1.0      |             |
| Nitrate (as N), Dissolved | < 0.10        | 0.10        | mg/L         | 05/25/18             | 353.2R2.0      |             |
| Oil (Hexane soluble)      | < 5           | 5           | mg/L         | 05/31/18             | 1664B 2010     |             |
| Phenols                   | < 10          | 10          | ug/L         | 05/31/18             | 420.4R1.0      |             |
| Sulfate, Dissolved        | 147           | 15          | mg/L         | 06/04/18             | 375.2R2.0      |             |
| Total Dissolved Solids    | 916           | 10          | mg/L         | 05/18/18 9:30        | 2540C 1997     |             |



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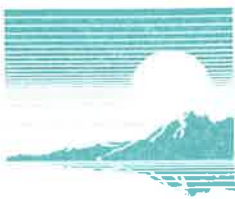
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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G213  
**Sample No:** 18-2706-012

**Date Collected:** 05/15/18  
**Time Collected:** 9:14  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                                                                      | Result | R.L. | Units | Flags |
|------------------------------------------------------------------------------|--------|------|-------|-------|
| <b>Dissolved Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3010A</b> |        |      |       |       |
| Analysis Date: 06/06/18      Preparation Date: 05/24/18                      |        |      |       |       |
| Arsenic, diss.                                                               | < 5    | 10   | ug/L  | J     |
| Boron, diss.                                                                 | 177    | 50   | ug/L  |       |
| Cadmium, diss.                                                               | < 1    | 5    | ug/L  | J     |
| Chromium, diss.                                                              | < 1    | 5    | ug/L  | J     |
| Lead, diss.                                                                  | < 2    | 5    | ug/L  | J     |
| Zinc, diss.                                                                  | < 5    | 10   | ug/L  | J     |
| Magnesium, diss.                                                             | 59.5   | 0.5  | mg/L  |       |
| <b>Dissolved Mercury</b> <b>Method: 7470A</b>                                |        |      |       |       |
| Analysis Date: 06/07/18                                                      |        |      |       |       |
| Mercury, diss.                                                               | < 0.5  | 0.5  | ug/L  |       |
| <b>Volatile Organic Compounds</b> <b>Method: 5030B/8260B</b>                 |        |      |       |       |
| Analysis Date: 05/29/18                                                      |        |      |       |       |
| Acetone                                                                      | < 10.0 | 10.0 | ug/L  |       |
| Acrylonitrile                                                                | < 100  | 100  | ug/L  |       |
| Benzene                                                                      | < 1.0  | 1.0  | ug/L  |       |
| Bromobenzene                                                                 | < 1.0  | 1.0  | ug/L  |       |
| Bromochloromethane                                                           | < 1.0  | 1.0  | ug/L  |       |
| Bromodichloromethane                                                         | < 1.0  | 1.0  | ug/L  |       |
| Bromoform                                                                    | < 1.0  | 1.0  | ug/L  |       |
| Bromomethane                                                                 | < 2.0  | 2.0  | ug/L  |       |
| 2-Butanone (MEK)                                                             | < 10.0 | 10.0 | ug/L  |       |
| n-Butylbenzene                                                               | < 1.0  | 1.0  | ug/L  |       |
| sec-Butylbenzene                                                             | < 1.0  | 1.0  | ug/L  |       |
| tert-Butylbenzene                                                            | < 1.0  | 1.0  | ug/L  |       |
| Carbon disulfide                                                             | < 1.0  | 1.0  | ug/L  |       |
| Carbon tetrachloride                                                         | < 1.0  | 1.0  | ug/L  |       |
| Chlorobenzene                                                                | < 1.0  | 1.0  | ug/L  |       |
| Chlorodibromomethane                                                         | < 1.0  | 1.0  | ug/L  |       |
| Chloroethane                                                                 | < 2.0  | 2.0  | ug/L  |       |
| Chloroform                                                                   | < 1.0  | 1.0  | ug/L  |       |
| Chloromethane                                                                | < 2.0  | 2.0  | ug/L  |       |
| 2-Chlorotoluene                                                              | < 1.0  | 1.0  | ug/L  |       |
| 4-Chlorotoluene                                                              | < 1.0  | 1.0  | ug/L  |       |
| Dibromomethane                                                               | < 1.0  | 1.0  | ug/L  |       |
| 1,2-Dichlorobenzene                                                          | < 1.0  | 1.0  | ug/L  |       |



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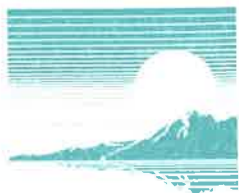
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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G213  
**Sample No:** 18-2706-012

**Date Collected:** 05/15/18  
**Time Collected:** 9:14  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                     | Result | R.L.                | Units | Flags |
|-----------------------------|--------|---------------------|-------|-------|
| Volatile Organic Compounds  |        | Method: 5030B/8260B |       |       |
| Analysis Date: 05/29/18     |        |                     |       |       |
| 1,3-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  |       |
| 1,4-Dichlorobenzene         | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,4-Dichloro-2-butene | < 1.0  | 1.0                 | ug/L  |       |
| Dichlorodifluoromethane     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloroethane          | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloroethene          | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,2-Dichloroethene      | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,2-Dichloroethene    | < 1.0  | 1.0                 | ug/L  |       |
| 1,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 2,2-Dichloropropane         | < 1.0  | 1.0                 | ug/L  |       |
| 1,1-Dichloropropene         | < 1.0  | 1.0                 | ug/L  |       |
| 1,3-Dichloropropene (total) | < 1.0  | 1.0                 | ug/L  |       |
| cis-1,3-Dichloropropene     | < 1.0  | 1.0                 | ug/L  |       |
| trans-1,3-Dichloropropene   | < 1.0  | 1.0                 | ug/L  |       |
| Ethylbenzene                | < 1.0  | 1.0                 | ug/L  |       |
| Hexachlorobutadiene         | < 5.0  | 5.0                 | ug/L  |       |
| 2-Hexanone                  | < 1.0  | 10                  | ug/L  | J     |
| Iodomethane                 | < 1.0  | 1.0                 | ug/L  |       |
| Isopropylbenzene            | < 1.0  | 1.0                 | ug/L  |       |
| p-Isopropyltoluene          | < 1.0  | 1.0                 | ug/L  |       |
| 4-Methyl-2-pentanone (MIBK) | < 10.0 | 10.0                | ug/L  |       |
| Methylene chloride          | < 5.0  | 5.0                 | ug/L  |       |
| Naphthalene                 | < 5.0  | 5.0                 | ug/L  |       |
| n-Propylbenzene             | < 1.0  | 1.0                 | ug/L  |       |
| Styrene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2,2-Tetrachloroethane   | < 1.0  | 1.0                 | ug/L  |       |
| Tetrachloroethene           | < 1.0  | 1.0                 | ug/L  |       |
| Tetrahydrofuran             | < 1.0  | 1.0                 | ug/L  |       |
| Toluene                     | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,1-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,1,2-Trichloroethane       | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,3-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |
| 1,2,4-Trichlorobenzene      | < 1.0  | 1.0                 | ug/L  |       |



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**Analytical Report**

**Client:** REPUBLIC SERVICES (McLean)  
**Project ID:** ADS/McLean Co LF #2 - GW  
**Sample ID:** G213  
**Sample No:** 18-2706-012

**Date Collected:** 05/15/18  
**Time Collected:** 9:14  
**Date Received:** 05/17/18  
**Date Reported:** 06/11/18

| Analyte                                  | Result | R.L. | Units | Flags |
|------------------------------------------|--------|------|-------|-------|
| <b>Volatile Organic Compounds</b>        |        |      |       |       |
| <b>Method: 5030B/8260B</b>               |        |      |       |       |
| Analysis Date: 05/29/18                  |        |      |       |       |
| Trichloroethene                          | < 1.0  | 1.0  | ug/L  |       |
| Trichlorofluoromethane                   | < 1.0  | 1.0  | ug/L  |       |
| 1,2,3-Trichloropropane                   | < 1.0  | 1.0  | ug/L  |       |
| 1,2,4-Trimethylbenzene                   | < 1.0  | 1.0  | ug/L  |       |
| 1,3,5-Trimethylbenzene                   | < 1.0  | 1.0  | ug/L  |       |
| Vinyl acetate                            | < 5.0  | 5.0  | ug/L  |       |
| Vinyl chloride                           | < 2.0  | 2.0  | ug/L  |       |
| Xylene, Total                            | < 1.0  | 1.0  | ug/L  |       |
| <b>Volatile Organic Compounds (8011)</b> |        |      |       |       |
| <b>Method: 8011</b>                      |        |      |       |       |
| Analysis Date: 06/10/18                  |        |      |       |       |
| 1,2-Dibromo-3-chloropropane              | < 0.02 | 0.02 | ug/L  |       |
| 1,2-Dibromoethane (EDB)                  | < 0.05 | 0.05 | ug/L  |       |





**Andrews Engineering, Inc.**  
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 10:07 AM  
Personnel (Initials): DJM

|                                                                                                                                                                              |  |                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|--|
| Site/Location: <u>ADS/McLean Co. LF #2</u>                                                                                                                                   |  | Well ID/Description: <u>G114</u>       |  |
| Sampling Equipment: <input checked="" type="checkbox"/> Dedicated Pump <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Other: _____                      |  |                                        |  |
| Filter: <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> In-Line Disposable <input type="checkbox"/> Vacuum <input type="checkbox"/> Other: _____ |  |                                        |  |
| Elevation of MP: <u>741.85</u> ft. MSL                                                                                                                                       |  | Total Depth: _____ ft. (53.7)          |  |
| Depth to Water: <u>19.61</u> ft. (~19.3)                                                                                                                                     |  | Volume: _____ gal.                     |  |
| GW Elevation: _____ ft. MSL                                                                                                                                                  |  | (Total Depth - Depth to Water x 0.162) |  |

| Time   | pH (std units) | Spec. Cond. (umhos/cm) | Temp. (deg C or F) | Notes        |
|--------|----------------|------------------------|--------------------|--------------|
| 9:57A  | 6.56           | 1463                   | 7.95               |              |
| 9:59A  | 6.36           | 1552                   | 7.63               | DTW = 19.62' |
| 10:01A | 6.34           | 1577                   | 7.58               |              |
| 10:03A | 6.35           | 1584                   | 7.54               | DTW = 19.65' |
| 10:05A | 6.37           | 1586                   | 7.51               |              |
| 10:07A | 6.37           | 1587                   | 7.49               | DTW = 19.68' |
|        |                |                        |                    |              |
|        |                |                        |                    |              |
|        |                |                        |                    |              |
|        |                |                        |                    |              |

Number of Bottles Filled: ALL Description of Bottles Not Filled: \_\_\_\_\_

**Sample Appearance:** Turbidity: ☐ Clear ☐ Slight ☒ Moderate ☐ High  
 Color: ☒ Clear ☐ Other \_\_\_\_\_  
 Odor: ☒ None ☐ Other \_\_\_\_\_

**Weather Conditions:** Wind Speed/Direction: 12 NNW  
 Precipitation: Y or N Temp: 72°  
 Outlook: Overcast

Notes:  
IEPA Split Sample  
GAL Purged ~ 2 1/4 GAL  
① filter used

**Well Condition Inspection:**

| Yes | No | N/A |                                                                                                    |
|-----|----|-----|----------------------------------------------------------------------------------------------------|
| X   |    |     | Place a comment in the Notes section for any "No" answers.                                         |
| X   |    |     | Is the well location correctly shown on map, labeled and flagged if hard to find?                  |
| X   |    |     | Is the well free of physical damage, kinks or bends?                                               |
| X   |    |     | Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?            |
| X   |    |     | Is a lock present and in good condition?                                                           |
| X   |    |     | If necessary, are protective posts present?                                                        |
| X   |    |     | Does the well have weep holes at the base of the protective casing?                                |
| X   |    |     | Is the annular space appropriately filled with filtering material and free of animal/insect nests? |
| X   |    |     | Is the casing secure and in good condition?                                                        |
| X   |    |     | Is the pad in good condition (free of erosion, cracks, etc.)?                                      |
| X   |    |     | Is the protective casing in good condition and free of rust?                                       |
|     | X  |     | If rust is identified on the casing, does it affect the security of the well?                      |
| X   |    |     | Is the riser cap properly vented?                                                                  |

Date: 5/15/18 Signature: [Signature] Company: Andrews Engineering, Inc.



**Andrews Engineering, Inc.**  
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 10:42 AM  
Personnel (Initials): DJM

|                                                                                                                                                                              |  |                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|--|
| Site/Location: <u>ADS/McLean Co. LF #2</u>                                                                                                                                   |  | Well ID/Description: <u>G209</u>       |  |
| Sampling Equipment: <input checked="" type="checkbox"/> Dedicated Pump <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Other: _____                      |  |                                        |  |
| Filter: <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> In-Line Disposable <input type="checkbox"/> Vacuum <input type="checkbox"/> Other: _____ |  |                                        |  |
| Elevation of MP: <u>745.62</u> ft. MSL                                                                                                                                       |  | Total Depth: _____ ft. (41.2)          |  |
| Depth to Water: <u>23.03</u> ft. (~22.7)                                                                                                                                     |  | Volume: _____ gal.                     |  |
| GW Elevation: _____ ft. MSL                                                                                                                                                  |  | (Total Depth - Depth to Water x 0.162) |  |

| Time   | pH (std units) | Spec. Cond. (umhos/cm) | Temp. (deg C or F) | Notes        |
|--------|----------------|------------------------|--------------------|--------------|
| 10:34A | 7.33           | 888                    | 10.79              |              |
| 10:36A | 6.57           | 1043                   | 8.38               | DTW = 23.03' |
| 10:38A | 6.51           | 1052                   | 8.53               |              |
| 10:40A | 6.50           | 1059                   | 8.51               | DTW = 23.04' |
| 10:42A | 6.49           | 1060                   | 8.51               |              |
|        |                |                        |                    |              |
|        |                |                        |                    |              |
|        |                |                        |                    |              |
|        |                |                        |                    |              |
|        |                |                        |                    |              |

Number of Bottles Filled: ALL Description of Bottles Not Filled: \_\_\_\_\_

**Sample Appearance:** Turbidity: ☐ Clear ☒ Slight ☐ Moderate ☐ High  
 Color: ☒ Clear ☐ Other \_\_\_\_\_  
 Odor: ☒ None ☐ Other \_\_\_\_\_

**Weather Conditions:** Wind Speed/Direction: 11 N  
 Precipitation: ☒ N Temp: 74°  
 Outlook: overcast / sprinkles

Notes: IEPA Split Sample GAL Parged 2 1/2 GAL  
① Filter used

Well Condition Inspection:

| Yes | No | N/A |                                                                                                    |
|-----|----|-----|----------------------------------------------------------------------------------------------------|
| X   |    |     | Is the well location correctly shown on map, labeled and flagged if hard to find?                  |
| X   |    |     | Is the well free of physical damage, kinks or bends?                                               |
| X   |    |     | Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?            |
| X   |    |     | Is a lock present and in good condition?                                                           |
| X   |    |     | If necessary, are protective posts present?                                                        |
| X   |    |     | Does the well have weep holes at the base of the protective casing?                                |
| X   |    |     | Is the annular space appropriately filled with filtering material and free of animal/insect nests? |
| X   |    |     | Is the casing secure and in good condition?                                                        |
| X   |    |     | Is the pad in good condition (free of erosion, cracks, etc.)?                                      |
| X   |    |     | Is the protective casing in good condition and free of rust?                                       |
|     | X  |     | If rust is identified on the casing, does it affect the security of the well?                      |
| X   |    |     | Is the riser cap properly vented?                                                                  |

Date: 5/15/18 Signature: [Signature] Company: Andrews Engineering, Inc.





**Andrews Engineering, Inc.**  
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 9:14 AM  
Personnel (Initials): DJM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: G213  
Sampling Equipment: ☒ Dedicated Pump ☐ Disposable Bailer ☐ Other: \_\_\_\_\_  
Filter: ☐ Not Applicable ☒ In-Line Disposable ☐ Vacuum ☐ Other: \_\_\_\_\_

Elevation of MP: 737.64 ft. MSL Total Depth: \_\_\_\_\_ ft. (37.9)  
Depth to Water: 16.48 ft. (~16.1) Volume: \_\_\_\_\_ gal.  
GW Elevation: \_\_\_\_\_ ft. MSL (Total Depth - Depth to Water x 0.162)

| Time  | pH (std units) | Spec. Cond. (umhos/cm) | Temp. (deg C or F) | Notes        |
|-------|----------------|------------------------|--------------------|--------------|
| 8:58A | 6.24           | 1246                   | 7.94               |              |
| 9:00A | 6.36           | 1364                   | 7.70               | DTW = 16.50' |
| 9:02A | 6.27           | 1400                   | 7.73               |              |
| 9:04A | 6.29           | 1412                   | 7.69               | DTW = 16.48' |
| 9:06A | 6.31           | 1415                   | 7.71               |              |
| 9:08A | 6.33           | 1417                   | 7.69               |              |
| 9:10A | 6.36           | 1418                   | 7.73               |              |
| 9:12A | 6.38           | 1420                   | 7.69               | DTW = 16.48' |
| 9:14A | 6.40           | 1419                   | 7.70               |              |

Number of Bottles Filled: ALL Description of Bottles Not Filled: \_\_\_\_\_  
Sample Appearance: Turbidity: ☐ Clear ☐ Slight ☐ Moderate ☒ High  
Color: ☒ Clear ☐ Other \_\_\_\_\_  
Odor: ☒ None ☐ Other \_\_\_\_\_  
Weather Conditions: Wind Speed/Direction: 8 NW  
Precipitation: Y ☒ N ☐ Temp: 69°  
Outlook: overcast

Notes:  
IEPA split sample  
GAL Parged = ± 3.0 GAL  
Sign damaged - needs to be replaced ① filter used

Well Condition Inspection:

| Yes | No | N/A |
|-----|----|-----|
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
|     | X  |     |
| X   |    |     |

Place a comment in the Notes section for any "No" answers.

- Is the well location correctly shown on map, labeled and flagged if hard to find?
- Is the well free of physical damage, kinks or bends?
- Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?
- Is a lock present and in good condition?
- If necessary, are protective posts present?
- Does the well have weep holes at the base of the protective casing?
- Is the annular space appropriately filled with filtering material and free of animal/insect nests?
- Is the casing secure and in good condition?
- Is the pad in good condition (free of erosion, cracks, etc.)?
- Is the protective casing in good condition and free of rust?
- If rust is identified on the casing, does it affect the security of the well?
- Is the riser cap properly vented?

Date: 5/15/18 Signature: [Signature] Company: Andrews Engineering, Inc.



**Andrews Engineering, Inc.**  
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 11:34 AM  
Personnel (Initials): DJM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: G222  
Sampling Equipment: ☒ Dedicated Pump ☐ Disposable Bailer ☐ Other: \_\_\_\_\_  
Filter: ☐ Not Applicable ☒ In-Line Disposable ☐ Vacuum ☐ Other: \_\_\_\_\_

Elevation of MP: 750.6 ft. MSL Total Depth: \_\_\_\_\_ ft. (65.15)  
Depth to Water: 24.26' ft. (~24.8) Volume: \_\_\_\_\_ gal.  
GW Elevation: \_\_\_\_\_ ft. MSL (Total Depth - Depth to Water x 0.162)

| Time   | pH (std units) | Spec. Cond. (umhos/cm) | Temp. (deg C or F) | Notes        |
|--------|----------------|------------------------|--------------------|--------------|
| 11:16A | 7.13           | 733                    | 8.71               | DTW = 24.38' |
| 11:18A | 6.80           | 843                    | 7.97               |              |
| 11:20A | 6.80           | 870                    | 7.92               |              |
| 11:22A | 6.82           | 878                    | 7.87               |              |
| 11:24A | 6.85           | 859                    | 7.89               |              |
| 11:26A | 6.88           | 836                    | 7.91               |              |
| 11:28A | 6.89           | 815                    | 7.93               |              |
| 11:30A | 6.89           | 795                    | 7.91               |              |
| 11:32A | 6.88           | 781                    | 7.93               |              |
| 11:34A | 6.87           | 779                    | 7.94               |              |

Number of Bottles Filled: ALL Description of Bottles Not Filled: \_\_\_\_\_

**Sample Appearance:** Turbidity: ☐ Clear ☐ Slight ☐ Moderate ☒ High  
Color: ☐ Clear ☒ Other Brown  
Odor: ☐ None ☒ Other Sour  
**Weather Conditions:** Wind Speed/Direction: 9 NW  
Precipitation: Y or N Temp: 69°  
Outlook: overcast

Notes: IEPA split sample CAL Paged = 3 1/2 GAL  
① filter used

**Well Condition Inspection:**

| Yes | No | N/A |
|-----|----|-----|
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
|     | X  |     |
| X   |    |     |
| X   |    |     |
| X   |    |     |
|     | X  |     |
| X   |    |     |

Place a comment in the Notes section for any "No" answers.

- Is the well location correctly shown on map, labeled and flagged if hard to find?
- Is the well free of physical damage, kinks or bends?
- Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?
- Is a lock present and in good condition?
- If necessary, are protective posts present?
- Does the well have weep holes at the base of the protective casing?
- Is the annular space appropriately filled with filtering material and free of animal/insect nests?
- Is the casing secure and in good condition?
- Is the pad in good condition (free of erosion, cracks, etc.)?
- Is the protective casing in good condition and free of rust?
- If rust is identified on the casing, does it affect the security of the well?
- Is the riser cap properly vented?

Date: 5/15/18 Signature: [Signature] Company: Andrews Engineering, Inc.