

Groundwater Analytical Results
PCE Chestnut
Atlantic, Iowa

| Analysis Date | Lab Number | Sample Number | Sample Depth | PCE ug/L | TCE ug/L |
|----------------------|-------------------|----------------------|---------------------|-----------------|-----------------|
| 10/6/2015 | Mbl Lab | TW15-1 | 53-57 | ND | ND |
| 10/6/2015 | Mbl Lab | TW15-1 | 43-47 | ND | ND |
| 10/6/2015 | Mbl Lab | TW15-1 | 33-37 | ND | ND |
| 10/6/2015 | Mbl Lab | TW15-2 | 47-51 | ND | ND |
| 10/6/2015 | Mbl Lab | TW15-2 | 37-41 | ND | ND |
| 10/6/2015 | Mbl Lab | TW15-3 | 61-65 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-3 | 51-55 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-3 | 31-35 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-4 | 57-61 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-4 | 47-51 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-4 | 39-43 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-4 | 57-61 | 50.9 | 52 |
| 10/7/2015 | Mbl Lab | TW15-5 | 49-53 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-5 | 39-43 | 3 | ND |
| 10/7/2015 | 6929-2 | TW15-5 | 39-43 | 3.1 | ND |
| 10/7/2015 | Mbl Lab | TW15-5 | 34-38 | 2 | ND |
| 10/7/2015 | Mbl Lab | TW15-6 | 44-48 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-6 | 32-36 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-7 | 47-51 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-7 | 35-39 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-8 | 49-53 | ND | ND |

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| 10/7/2015 | Mbl Lab | TW15-8 | 36-40 | ND | ND |
| 10/7/2015 | 6929-3 | TW15-8 | 36-40 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-9 | 40-44 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-9 | 28-32 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-10 | 39-43 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-10 | 27-31 | ND | ND |
| 10/7/2015 | 6929-7 | TW15-10 | 39-43 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-11 | 42-46 | ND | ND |
| 10/7/2015 | 6929-4 | TW15-11 | 32-36 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-11 | 32-36 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-11 | 23-27 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-12 | 43-47 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-12 | 33-37 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-12 | 26-30 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-12 | 43-47 | 46.8 | 49.3 |
| 10/7/2015 | Mbl Lab | TW15-13 | 39-43 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-13 | 28-32 | ND | ND |
| 10/7/2015 | 6929-1 | TW15-13 | 39-43 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-14 | 41-45 | ND | ND |
| 10/7/2015 | 6929-5 | TW15-14 | 29-33 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-14 | 29-33 | 53.4 | 58.3 |

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|---------------|------------|---------------|--------------|----------|----------|
| 10/7/2015 | Mbl Lab | TW15-15 | 40-44 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-15 | 30-34 | ND | ND |
| 10/7/2015 | 6929-6 | TW15-15 | 30-34 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-16 | 40-44 | ND | ND |
| 10/7/2015 | 6929-8 | TW15-16 | 40-44 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-16 | 26-30 | 1.8 | 1.5 |
| 10/7/2015 | Mbl Lab | TW15-17 | 40-44 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-17 | 28-32 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-18 | 43-47 | ND | ND |
| 10/7/2015 | 6929-9 | TW15-18 | 43-47 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-18 | 28-32 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-19 | 43-47 | ND | ND |
| 10/7/2015 | 6929-10 | TW15-19 | 36-40 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-19 | 36-40 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-19 | 26-30 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-19 | 43-47 | 53.8 | 57.6 |
| 10/7/2015 | Mbl Lab | TW15-20 | 41-45 | ND | ND |
| 10/7/2015 | Mbl Lab | TW15-20 | 28-32 | 4.5 | ND |
| 10/7/2015 | 6929-11 | TW15-20 | 28-32 | 5.2 | ND |
| 10/7/2015 | Mbl Lab | TW15-20 | 22-26 | 1.4 | ND |
| 10/7/2015 | Mbl Lab | TW15-21 | 41-45 | 1.4 | ND |

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|---------------|------------|---------------|--------------|----------|----------|
| 10/7/2015 | Mbl Lab | TW15-21 | 31-35 | 6.2 | 1.6 |
| 10/7/2015 | 6929-12 | TW15-21 | 31-35 | 6.7 | 1.1 |
| 10/7/2015 | Mbl Lab | TW15-21 | 26-22 | 3.3 | 2.7 |
| 10/8/2015 | Mbl Lab | TW15-22 | 44-48 | ND | ND |
| 10/8/2015 | 6929-13 | TW15-22 | 33-37 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-22 | 33-37 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-22 | 23-27 | 2.3 | ND |
| 10/8/2015 | Mbl Lab | TW15-22 | 23-27LD | 3.4 | ND |
| 10/8/2015 | Mbl Lab | TW15-22 | 44-48 | 50.4 | 57.3 |
| 10/8/2015 | Mbl Lab | TW15-23 | 40-44 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-23 | 30-34 | ND | ND |
| 10/8/2015 | 6929-14 | TW15-23 | 30-34 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-23 | 24-28 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-24 | 43-47 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-24 | 32-36 | ND | ND |
| 10/8/2015 | 6929-15 | TW15-24 | 32-36 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-24 | 26-30 | 1.7 | ND |
| 10/8/2015 | Mbl Lab | TW15-25 | 39-43 | ND | ND |
| 10/8/2015 | 6929-16 | TW15-25 | 28-32 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-25 | 28-32 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-25 | 23-27 | 1.3 | ND |

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|---------------|------------|---------------|--------------|----------|----------|
| 10/8/2015 | Mbl Lab | TW15-26 | 44-48 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-26 | 33-37 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-26 | 25-29 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-26 | 33-37 | 52.9 | 52.8 |
| 10/8/2015 | Mbl Lab | TW15-27 | 39-43 | ND | ND |
| 10/8/2015 | 6929-17 | TW15-27 | 29-33 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-27 | 29-33 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-27 | 22-26 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-28 | 39-43 | ND | ND |
| 10/8/2015 | 6929-18 | TW15-28 | 39-43 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-28 | 27-31 | 1.2 | ND |
| 10/8/2015 | Mbl Lab | TW15-29 | 45-51 | ND | ND |
| 10/8/2015 | 6929-19 | TW15-29 | 37-41 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-29 | 37-41 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-29 | 32-36 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-30 | 46-50 | ND | ND |
| 10/8/2015 | 6929-20 | TW15-30 | 36-40 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-30 | 36-40 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-30 | 32-36 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-31 | 38-42 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-31 | 30-34 | ND | ND |

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|---------------|------------|---------------|--------------|-------------|-------------|
| 10/8/2015 | Mbl Lab | TW15-31 | 22-26 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-32 | 38-42 | ND | ND |
| 10/8/2015 | 6929-21 | TW15-32 | 30-34 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-32 | 30-34 | ND | ND |
| 10/8/2015 | Mbl Lab | TW15-32 | 23-27 | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-33 | 41-45 | ND | ND |
| 10/9/2015 | 6929-22 | TW15-33 | 31-35 | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-33 | 31-35 | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-33 | 23-27 | 3 | ND |
| 10/9/2015 | Mbl Lab | TW15-33 | 31-35LD | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-34 | 41-45 | 1.3 | ND |
| 10/9/2015 | Mbl Lab | TW15-34 | 31-35 | 82.7 | 10.3 |
| 10/9/2015 | Mbl Lab | TW15-34 | 23-27 | 13.3 | 3.1 |
| 10/9/2015 | 6929-23 | TW15-34 | 41-45 | 1.1 | ND |
| 10/9/2015 | Mbl Lab | TW15-34 | 41-45 | 54.1 | 52 |
| 10/9/2015 | Mbl Lab | TW15-35 | 39-43 | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-35 | 28-32 | ND | ND |
| 10/9/2015 | 6929-24 | TW15-35 | 28-32 | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-35 | 23-27 | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-36 | 36-40 | 1.2 | ND |
| 10/9/2015 | Mbl Lab | TW15-36 | 28-32 | ND | ND |

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| 10/9/2015 | 6929-25 | TW15-36 | 28-32 | ND | ND |
| 10/9/2015 | Mbl Lab | TW15-36 | 22-26 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-37 | 38-42 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-37 | 30-34 | ND | ND |
| 10/13/2015 | 6929-26 | TW15-37 | 30-34 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-37 | 21-25 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-37 | 38-42 | 48.7 | 49.2 |
| 10/13/2015 | Mbl Lab | TW15-38 | 31-35 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-38 | 21-25 | ND | ND |
| 10/13/2015 | 6929-27 | TW15-38 | 21-25 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-39 | 34-38 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-39 | 23-27 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-39 | 18-22 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-39 | 23-27LD | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-40 | 38-42 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-40 | 28-32 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-40 | 23-27 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-41 | 33-37 | ND | ND |
| 10/13/2015 | 6929-28 | TW15-41 | 23-27 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-41 | 23-27 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-41 | 16-20 | ND | ND |

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| 10/13/2015 | Mbl Lab | TW15-42 | 37-41 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-42 | 27-31 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-42 | 17-21 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-42 | 38-42 | 1.3 | ND |
| 10/13/2015 | Mbl Lab | TW15-42 | 37-42 | 38.3 | 42.8 |
| 10/13/2015 | Mbl Lab | TW15-43 | 28-32 | ND | ND |
| 10/13/2015 | 6929-29 | TW15-43 | 28-32 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-43 | 18-22 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-43 | 18-22LD | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-44 | 31-35 | ND | ND |
| 10/13/2015 | 6929-30 | TW15-44 | 31-35 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-44 | 17-21 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-45 | 34-38 | ND | ND |
| 10/13/2015 | 6929-31 | TW15-45 | 26-30 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-45 | 26-30 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-45 | 18-22 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-45 | 34-38 | 38.2 | 42.1 |
| 10/13/2015 | Mbl Lab | TW15-46 | 23-27 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-46 | 16-20 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-47 | 20-24 | ND | ND |
| 10/13/2015 | 6929-32 | TW15-47 | 20-24 | ND | ND |

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|---------------|------------|---------------|--------------|----------|----------|
| 10/13/2015 | Mbl Lab | TW15-48 | 33-37 | ND | ND |
| 10/13/2015 | 6929-33 | TW15-48 | 23-27 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-48 | 23-27 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-48 | 16-20 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-48 | 16-20LD | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-49 | 44-48 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-49 | 33-37 | ND | ND |
| 10/13/2015 | Mbl Lab | TW15-49 | 28-32 | ND | ND |

ug/L = micrograms per liter

PCE = tetrachloroethene

TCE = trichloroethene

nd = contaminate not detected in sample

50.9 =contaminate above maximum contaminante levels