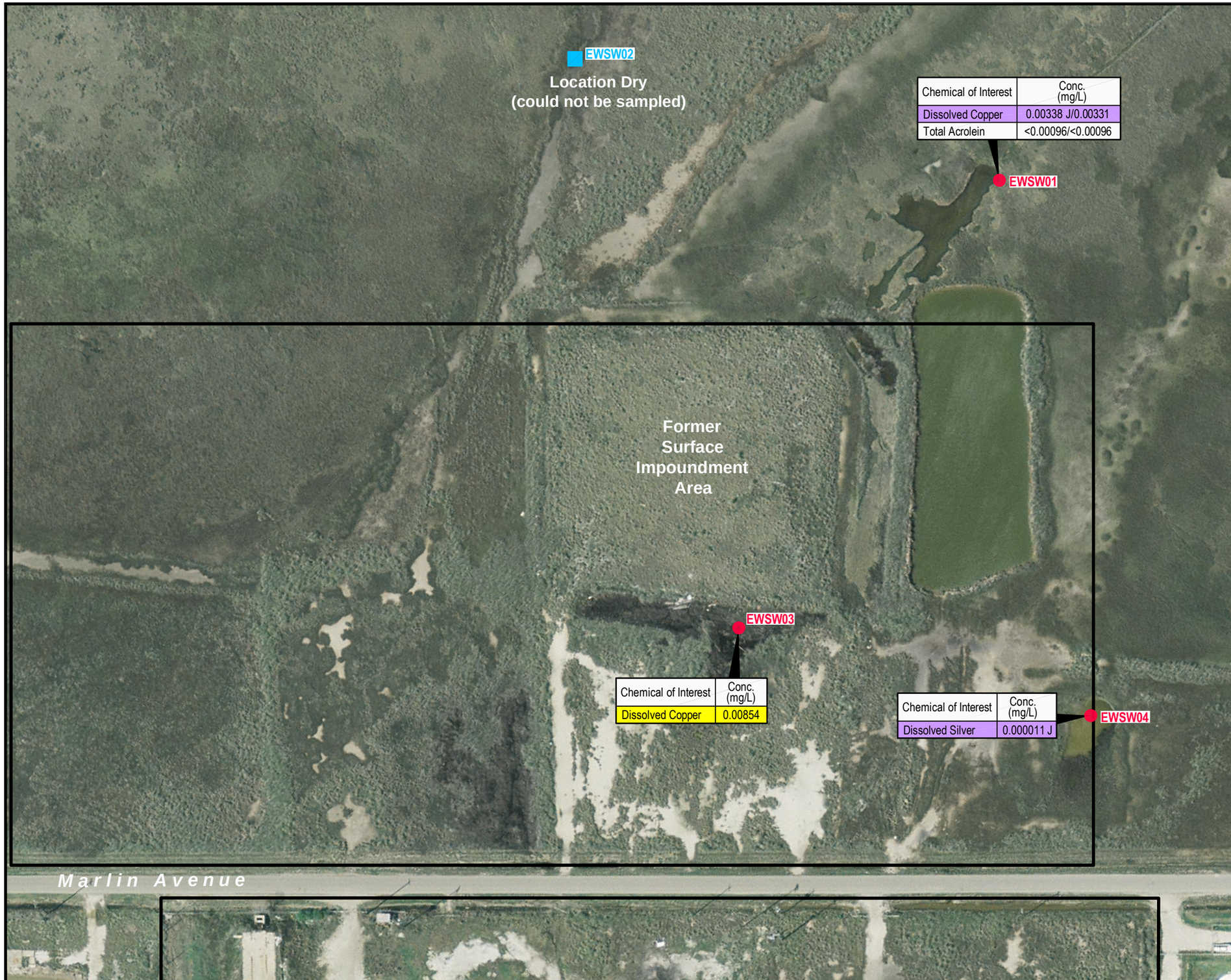



| Chemical of Interest | Conc. (mg/L) |
|---|---|
| Dissolved Copper | 0.00338 J/0.00331 |
| Total Acrolein | <0.00096/<0.00096 |

| Chemical of Interest | Conc. (mg/L) |
|---|---|
| Dissolved Copper | 0.00854 |

| Chemical of Interest | Conc. (mg/L) |
|---|---|
| Dissolved Silver | 0.000011 J |

## EXPLANATION

Gulfco Marine Maintenance Site Boundary (approximate)

BERA Surface Water Sample Location

BERA Surface Water Reference Sample Location

Notes

J - Estimated Value

= High Concentration
= Mid Concentration
= Low Concentration

N

Approx. Scale in Feet

0 60 120

Source of photo: H-GAC, Texas aerial photograph, 2006.

TITLE:

# WETLAND SURFACE WATER SAMPLE LOCATIONS

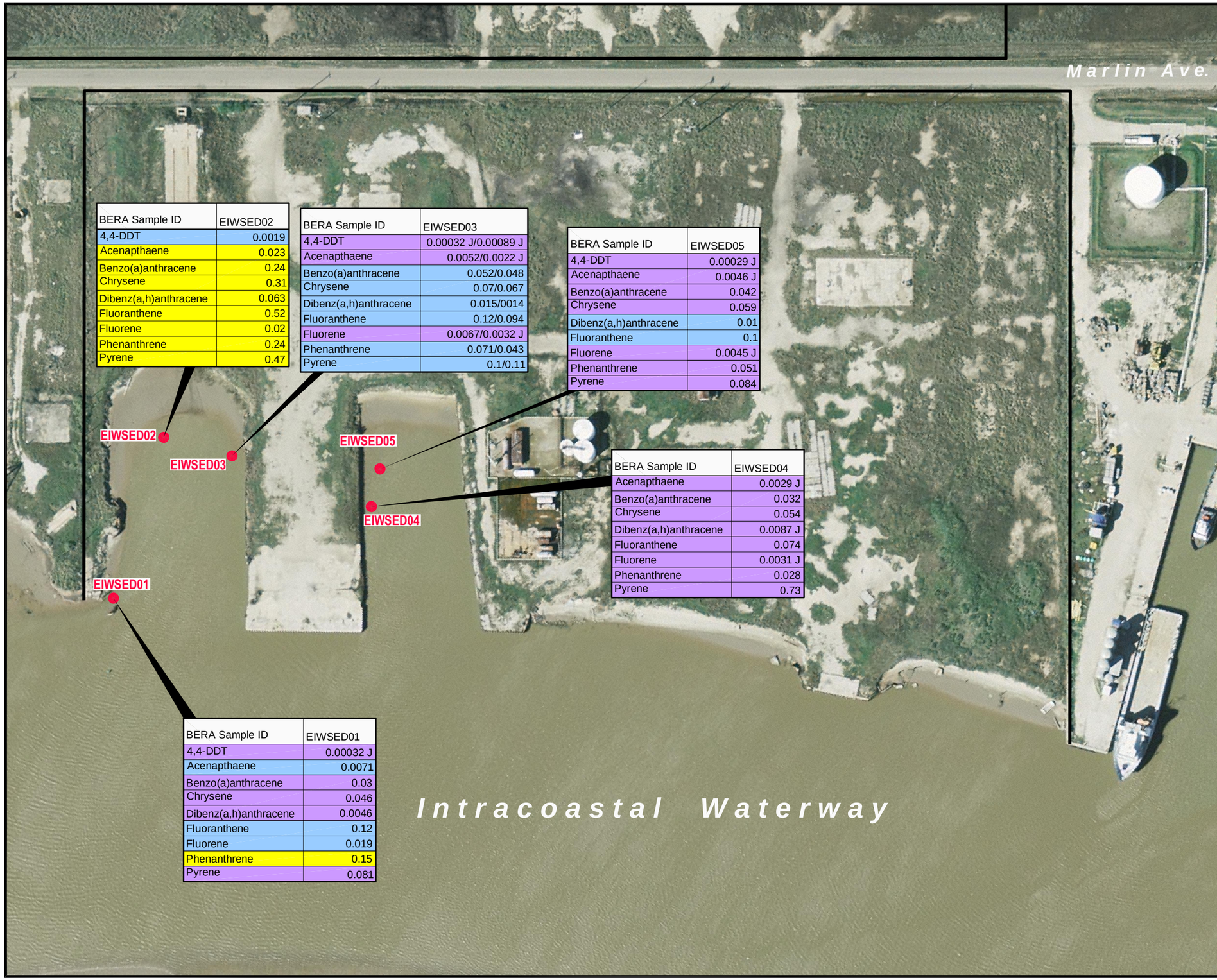
REPORT: PRELIMINARY SITE CHARACTERIZATION REPORT

SITE: GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS

| PROJECT: | DRAWN: | FIGURE: |
|---|---|---|
| 41568745 | ZGK/NAB | 5 |
| DATE: OCTOBER, 2010 | CHECKED: DL | |

URS
10550 RICHMOND AVE., SUITE 155
HOUSTON, TEXAS 77042
PH: 713-914-6699
FAX: 713-914-8404

9385658




| BERA Sample ID | EIWSED02 |
|---|---|
| 4,4-DDT | 0.0019 |
| Acenapthaene | 0.023 |
| Benzo(a)anthracene | 0.24 |
| Chrysene | 0.31 |
| Dibenz(a,h)anthracene | 0.063 |
| Fluoranthene | 0.52 |
| Fluorene | 0.02 |
| Phenanthrene | 0.24 |
| Pyrene | 0.47 |

| BERA Sample ID | EIWSED03 |
|---|---|
| 4,4-DDT | 0.00032 J/0.00089 J |
| Acenapthaene | 0.0052/0.0022 J |
| Benzo(a)anthracene | 0.052/0.048 |
| Chrysene | 0.07/0.067 |
| Dibenz(a,h)anthracene | 0.015/0014 |
| Fluoranthene | 0.12/0.094 |
| Fluorene | 0.0067/0.0032 J |
| Phenanthrene | 0.071/0.043 |
| Pyrene | 0.1/0.11 |

| BERA Sample ID | EIWSED05 |
|---|---|
| 4,4-DDT | 0.00029 J |
| Acenapthaene | 0.0046 J |
| Benzo(a)anthracene | 0.042 |
| Chrysene | 0.059 |
| Dibenz(a,h)anthracene | 0.01 |
| Fluoranthene | 0.1 |
| Fluorene | 0.0045 J |
| Phenanthrene | 0.051 |
| Pyrene | 0.084 |

| BERA Sample ID | EIWSED04 |
|---|---|
| Acenapthaene | 0.0029 J |
| Benzo(a)anthracene | 0.032 |
| Chrysene | 0.054 |
| Dibenz(a,h)anthracene | 0.0087 J |
| Fluoranthene | 0.074 |
| Fluorene | 0.0031 J |
| Phenanthrene | 0.028 |
| Pyrene | 0.73 |

| BERA Sample ID | EIWSED01 |
|---|---|
| 4,4-DDT | 0.00032 J |
| Acenapthaene | 0.0071 |
| Benzo(a)anthracene | 0.03 |
| Chrysene | 0.046 |
| Dibenz(a,h)anthracene | 0.0046 |
| Fluoranthene | 0.12 |
| Fluorene | 0.019 |
| Phenanthrene | 0.15 |
| Pyrene | 0.081 |

## EXPLANATION

Gulfco Marine Maintenance Site Boundary (approximate)

BERA Sediment Sample Location

Notes
J - Estimated Value
Results for duplicate samples are separated by a "/"

= High Concentration
= Mid Concentration
= Low Concentration

N

Approx. Scale in Feet
0 60 120

Source of photo: H-GAC, Texas aerial photograph, 2006.

TITLE:

**INTRACOASTAL WATERWAY SEDIMENT SAMPLE LOCATIONS**

REPORT: **PRELIMINARY SITE CHARACTERIZATION REPORT**

SITE: **GULFCO MARINE MAINTENANCE**
FREEPORT, BRAZORIA COUNTY, TEXAS

| PROJECT: 41568745 | DRAWN: ZGK/NAB | FIGURE: 6 |
|---|---|---|
| DATE: OCTOBER, 2010 | CHECKED: DL | |

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FAX: 713-914-8404

| BERA Sample ID | EIWSED06 |
|---|---|
| 4,4-DDT | <0.00017 |
| Acenapthaene | <0.0014 JL |
| Benzo(a)anthracene | <0.0017 JL |
| Chrysene | 0.0019 JL |
| Dibenz(a,h)anthracene | <0.0015 JL |
| Fluoranthene | 0.0019 JL |
| Fluorene | <0.0011 JL |
| Hexachlorobenzene | <0.0012 JL |
| Phenanthrene | <0.0014 JL |
| Pyrene | 0.0025 JL |

| BERA Sample ID | EIWSED07 |
|---|---|
| 4,4-DDT | <0.00017 |
| Acenapthaene | <0.0014 JL |
| Benzo(a)anthracene | <0.0017 JL |
| Chrysene | <0.0015 JL |
| Dibenz(a,h)anthracene | <0.0015 JL |
| Fluoranthene | 0.0018 JL |
| Fluorene | <0.0011 JL |
| Hexachlorobenzene | <0.0012 JL |
| Phenanthrene | <0.0014 JL |
| Pyrene | 0.0018 JL |

## EXPLANATION

BERA Sediment Reference Sample Location

Notes
J - Estimated Value
L - Bias in results likely to be high

= High Concentration
= Mid Concentration
= Low Concentration

N

Approx. Scale in Feet
0 125 250

Source of photo: H-GAC, Texas aerial photograph, 2006.

TITLE:
**INTRACOASTAL WATERWAY REFERENCE SEDIMENT SAMPLE LOCATIONS**

REPORT:
**PRELIMINARY SITE CHARACTERIZATION REPORT**

SITE:
**GULFCO MARINE MAINTENANCE**
FREEPORT, BRAZORIA COUNTY, TEXAS

| PROJECT: 41568745 | DRAWN: ZGK/NAB | FIGURE: 7 |
|---|---|---|
| DATE: OCTOBER, 2010 | CHECKED: DL | |

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