

APPENDIX A

Panoramic Photographs

HSE 13-005.02

A-1

5 May 2014

PHOTOGRAPHS BY HSE



PANORAMIC PHOTOGRAPH #1: VIEW TO THE NORTH, PAN WEST TO EAST



PANORAMIC PHOTOGRAPH #2: VIEW TO THE EAST, PAN NORTH TO SOUTH

SOURCE: HSE

PERMITS # ERP31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

| | | | | | | |
|--|----------------------------|---|---------------------|------|-----|---------------------------------|
| LATITUDE: N27° 46'32.844 | LONGITUDE: W080° 26'51.108 | DESIGNED BY: RLW | DRAWN BY: MGS | | | CHECKED BY: RLW |
| FLORIDA INLAND NAVIGATION DISTRICT DMMA IR - 2 MITIGATION AREA | | INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 |
| | | | 20 | 31S | 39E | |
| FIRST ANNUAL MITIGATION MONITORING REPORT PANORAMIC PHOTOGRAPHS 1 AND 2 | | DRAWING NAME: PAN - PHOTO1-8.DWG | DATE: 5 MAY 2014 | | | APPENDIX A FIGURE: 1 OF 4 |
| | | <div style="display: flex; align-items: center;"> <div style="font-size: 48px; margin-right: 10px;">H S E</div> <div> <p>Hobe Sound Environmental Consultants Inc. 9512 SE Duncan Street Hobe Sound, FL 33455 (772)545-3676, E-mail: bobhsenv@gmail.com</p> </div> </div> | | | | |

PHOTOGRAPHS BY HSE



PANORAMIC PHOTOGRAPH #3: VIEW TO THE EAST, PAN NORTH TO SOUTH



PANORAMIC PHOTOGRAPH #4: VIEW TO THE EAST, PAN NORTH TO SOUTH

SOURCE: HSE

PERMITS # ERP31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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| FLORIDA INLAND NAVIGATION DISTRICT DMMA IR - 2 MITIGATION AREA FIRST ANNUAL MITIGATION MONITORING REPORT PANORAMIC PHOTOGRAPHS 3 AND 4 | | INDIAN RIVER COUNTY FLORIDA | SEC. 20 | TWP. 31S | R. 39E | HSE JOB NO.: 13-005.02 | |
| | | DRAWING NAME: PAN - PHOTO1-8.DWG | DATE: 5 MAY 2014 | | APPENDIX A FIGURE: 2 OF 4 | | |

PHOTOGRAPHS BY HSE



PANORAMIC PHOTOGRAPH 5: VIEW TO THE SOUTH, PAN EAST TO WEST



PANORAMIC PHOTOGRAPH #6: VIEW TO THE WEST, PAN SOUTH TO NORTH

SOURCE: HSE

PERMITS # ERP31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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| | | 20 | 31S | 39E | 13-005.02 | |
| FIRST ANNUAL MITIGATION MONITORING REPORT PANORAMIC PHOTOGRAPHS 5 AND 6 | DRAWING NAME: PAN - PHOTO1-8.DWG | DATE: 5 MAY 2014 | | | APPENDIX A FIGURE: 3 OF 4 | |

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Hobe Sound Environmental Consultants Inc.
9512 SE Duncan Street
Hobe Sound, FL 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

PHOTOGRAPHS BY HSE



PANORAMIC PHOTOGRAPH #7: VIEW TO THE WEST, PAN SOUTH TO NORTH



PANORAMIC PHOTOGRAPH #8: VIEW TO THE WEST, PAN SOUTH TO NORTH

SOURCE: HSE

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| LATITUDE: N27° 46'32.844 | LONGITUDE: W080° 26'51.108 | DESIGNED BY: RLW | DRAWN BY: MGS | | | CHECKED BY: RLW |
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| | | 20 | 31S | 39E | 13-005.02 | |
| FIRST ANNUAL MITIGATION MONITORING REPORT PANORAMIC PHOTOGRAPHS 7 AND 8 | DRAWING NAME: PAN - PHOTO1-8.DWG | DATE: 5 MAY 2014 | | | APPENDIX A FIGURE: 4 OF 4 | |

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Hobe Sound Environmental Consultants Inc.
9512 SE Duncan Street
Hobe Sound, FL 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

APPENDIX B

Quadrat Photographs

HSE 13-005.02

B-1

5 May 2014

THIS DRAWING, TOGETHER WITH THE CONCEPTS AND DESIGN PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DRAWING WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY HOBE SOUND ENVIRONMENTAL CONSULTANTS, INC. SHALL BE WITHOUT LIABILITY TO HOBE SOUND ENVIRONMENTAL CONSULTANTS, INC.

SOURCE: PHOTOGRAPHS BY HSE



SAMPLE QUADRAT #1: VIEW TO EAST



SAMPLE QUADRAT #1: VIEW TO THE NORTH

PERMITS # ERP 31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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| INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 | DRAWING NAME: APP - B PHOTOS.DWG | DATE: 5 MAY 2014 | APPENDIX B FIGURE: 1 OF 7 |
| | 20 | 31S | 39E | | | | |
| LATITUDE: N27° 46'32.844 | | LONGITUDE: W080°26'51.108 | | DESIGNED BY: RLW | DRAWN BY: MGS | CHECKED BY: RLW | |

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA IR - 2 MITIGATION AREA
FIRST ANNUAL MITIGATION MONITORING REPORT
SAMPLE QUADRAT #1**

HSE Hobe Sound Environmental Consultants Inc.
9512 SE Duncan Street
Hobe Sound, FL 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

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SOURCE: PHOTOGRAPHS BY HSE



SAMPLE QUADRAT #2: VIEW TO THE EAST



SAMPLE QUADRAT #2 VIEW TO THE NORTH

PERMITS # ERP 31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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| INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 | DRAWING NAME: APP - B PHOTOS.DWG | DATE: 5 MAY 2014 | APPENDIX B FIGURE: 2 OF 7 |
| | 20 | 31S | 39E | | | | |
| LATITUDE: N27° 46'32.844 | | LONGITUDE: W080°26'51.108 | | DESIGNED BY: RLW | DRAWN BY: MGS | CHECKED BY: RLW | |

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA IR - 2 MITIGATION AREA
FIRST ANNUAL MITIGATION MONITORING REPORT
SAMPLE QUADRAT #2**

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9512 SE Duncan Street
Hobe Sound, FL 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

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SOURCE: PHOTOGRAPHS BY HSE



SAMPLE QUADRAT #3: VIEW TO THE EAST



SAMPLE QUADRAT #3: VIEW TO THE NORTH

PERMITS # ERP 31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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|--------------------------------|------|---------------------------|-----|---------------------------|-------------------------------------|---------------------|---------------------------------|
| INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 | DRAWING NAME: APP - B PHOTOS.DWG | DATE: 5 MAY 2014 | APPENDIX B FIGURE: 3 OF 7 |
| | 20 | 31S | 39E | | | | |
| LATITUDE: N27° 46'32.844 | | LONGITUDE: W080°26'51.108 | | DESIGNED BY: RLW | DRAWN BY: MGS | CHECKED BY: RLW | |

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA IR - 2 MITIGATION AREA
FIRST ANNUAL MITIGATION MONITORING REPORT
SAMPLE QUADRAT #3**

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9512 SE Duncan Street
Hobe Sound, FL 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

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SOURCE: PHOTOGRAPHS BY HSE



SAMPLE QUADRAT #4: VIEW TO THE EAST



SAMPLE QUADRAT #4: VIEW TO THE NORTH

PERMITS # ERP 31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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| INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 | DRAWING NAME: APP - B PHOTOS.DWG | DATE: 5 MAY 2014 | APPENDIX B |
| | 20 | 31S | 39E | | | | FIGURE: 4 OF 7 |
| LATITUDE: N27° 46'32.844 | | LONGITUDE: W080°26'51.108 | | DESIGNED BY: RLW | DRAWN BY: MGS | CHECKED BY: RLW | |

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA IR - 2 MITIGATION AREA
FIRST ANNUAL MITIGATION MONITORING REPORT
SAMPLE QUADRAT #4**

HSE Hobe Sound Environmental Consultants Inc.
9512 SE Duncan Street
Hobe Sound, FL 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

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SOURCE: PHOTOGRAPHS BY HSE



SAMPLE QUADRAT #5: VIEW TO THE EAST



SAMPLE QUADRAT #5: VIEW TO THE NORTH

PERMITS # ERP 31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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| INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 | DRAWING NAME: APP - B PHOTOS.DWG | DATE: 5 MAY 2014 | APPENDIX B FIGURE: 5 OF 7 |
| | 20 | 31S | 39E | | | | |
| LATITUDE: N27° 46'32.844 | | LONGITUDE: W080°26'51.108 | | DESIGNED BY: RLW | DRAWN BY: MGS | CHECKED BY: RLW | |

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA IR - 2 MITIGATION AREA
FIRST ANNUAL MITIGATION MONITORING REPORT
SAMPLE QUADRAT #5**

H S E Hobe Sound Environmental Consultants Inc.
9512 SE Duncan Street
Hobe Sound, Fl. 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

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SOURCE: PHOTOGRAPHS BY HSE



SAMPLE QUADRAT #6: VIEW TO THE WEST



SAMPLE QUADRAT #7: VIEW TO THE WEST

PERMITS # ERP 31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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|--------------------------------|------|---------------------------|-----|---------------------------|-------------------------------------|---------------------|---------------------------------|
| INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 | DRAWING NAME: APP - B PHOTOS.DWG | DATE: 5 MAY 2014 | APPENDIX B FIGURE: 6 OF 7 |
| | 20 | 31S | 39E | | | | |
| LATITUDE: N27° 46'32.844 | | LONGITUDE: W080°26'51.108 | | DESIGNED BY: RLW | DRAWN BY: MGS | CHECKED BY: RLW | |

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA IR - 2 MITIGATION AREA
FIRST ANNUAL MITIGATION MONITORING REPORT
SAMPLE QUADRATS 6 & 7**

H S E Hobe Sound Environmental Consultants Inc.
9512 SE Duncan Street
Hobe Sound, FL 33455
(772)545-3676, E-mail: bobhsenv@gmail.com

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SOURCE: PHOTOGRAPHS BY HSE



SAMPLE QUADRAT #8: VIEW TO THE WEST



TYPICAL BREACH IN BERM WITH SEA OXEYE DAISY, NEAR TRANSECT #8: VIEW TO THE WEST

PERMITS # ERP 31-0273920-001-EI, ERP31-0273920-003-EM AND 56-0255662-001

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| INDIAN RIVER COUNTY FLORIDA | SEC. | TWP. | R. | HSE JOB NO.: 13-005.02 | DRAWING NAME: APP - B PHOTOS.DWG | DATE: 5 MAY 2014 | APPENDIX B |
| | 20 | 31S | 39E | | | | FIGURE: 7 OF 7 |
| LATITUDE: N27° 46'32.844 | | LONGITUDE: W080°26'51.108 | | DESIGNED BY: RLW | DRAWN BY: MGS | CHECKED BY: RLW | |

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA IR - 2 MITIGATION AREA
FIRST ANNUAL MITIGATION MONITORING REPORT
QUADRAT #8 & ADJACENT BERM BREACHES**

HSE Hobe Sound Environmental Consultants Inc.
9512 SE Duncan Street
Hobe Sound, Fl. 33455
(772)545-3676, E-mail: bobhsenv@gmail.com