

APPENDIX A:

Existing Package Plant Facilities

A total of 62 package wastewater treatment plants (57 active, 5 inactive) operate in the Islamorada service area. These package plants serve developments with larger flows. The package plants, locations, and FDEP permitted capacities are shown in the table below.

NPK Package Plant Facilities	FDEP Facility Permit Number	FDEP Permitted Capacity (GPD)	Permitted Active / Inactive
Old Tavernier Restaurant	FLA014881	15,000	Active
Tropic Vista	FLA014972	5,000	Active
Turek Building	FLA014962	5,000	Active
MPK-2 Package Plant Facilities	FDEP Facility Permit Number	FDEP Permitted Capacity (GPD)	Permitted Active / Inactive
Plantation Key Government Center	FLA014699	10,000	Active
Futura Yacht Club	FLA014734	20,000	Active
Coral Harbor Club	FLA014802	15,000	Active
Roth Building (Old Mariner's Hospital)	FLA014994	40,000	Active
Summer Seas Condominium	FLA014901	26,000	Active
Marker 88 Restaurant	FLA014921	7,500	Active
SPK-2 Package Plant Facilities	FDEP Facility Permit Number	FDEP Permitted Capacity (GPD)	Permitted Active / Inactive
Executive Bay Club	FLA014829	49,000	Active
Plantation Yacht Harbor (Founder's Park)	FLA014891	35,000	Active
Ocean Harbour Condominiums	FLA014782	24,000	Active
Pelican Plaza (Chili Willie's)	FLA014879	3,600	Active
Plantation By the Sea	FLA014983	20,000	Active
Seabreeze Trailer Park	FLA014933	7,500	Active
U.S. Coast Guard Station Islamorada	FLA014712	3,000	Active
Windley Key Package Plant Facilities	FDEP Facility Permit Number	FDEP Permitted Capacity (GPD)	Permitted Active / Inactive
Angler's Reef	FLA437531	12,000	Active
Harbor Lights Motel	FLA014864	20,000	Active
Hog Heaven	FLA014876	9,000	Active
Holiday Isle Resort	FLA014726	40,000	Active
Howard Johnson	FLA015003	30,000	Active
Island Grill	FLA014779	9,000	Active
Pelican Cove Condominium	FLA014842	15,000	Active
Smugglers Cove	FLA014895	9,000	Active
Windley Key Trailer Park	FLA014745	7,500	Active
Upper Matecumbe Package Plant Facilities	FDEP Facility Permit Number	FDEP Permitted Capacity (GPD)	Permitted Active / Inactive

Agave (Islamorada Shrimp Shack)	FLA014937	9,000	Active
Beacon Reef	FLA014739	24,000	Active
Bentleys	FLA014737	4,000	Active
Breezy Palms	FLA015000	15,000	Active
Cheeca Lodge	FLA014989	70,000	Active
Chesapeake Resort	FLA014769	15,000	Active
Club Iguana	FLA014866	7,500	Inactive
Coral Grill Restaurant	FLA014724	18,000	Inactive
Days Inn	FLA014757	8,300	Active
Green Turtle	FLA372374	5,000	Active
Hampton Inn	FLA014945	25,000	Active
Indigo Bay	FLA372374	7,500	Active
Islamorada Fish Co.	FLA014969	9,000	Active
Islamorada Grille	FLA014882	9,000	Inactive
Islander Resort	FLA187607	49,500	Active
La Siesta Resort	FLA014807	12,500	Active
Lazy Days	FLA014916	5,000	Active
Lorelei	FLA014806	7,500	Active
Maison Matecombe	FLA014846	9,500	Active
Ma's Fish Camp	FLA014938	9,000	Active
Morada Bay	FLA016679	4,000	Active
Palms of Islamorada	FLA014991	20,000	Active
Papa Joe's Restaurant	FLA015020	5,000	Inactive
Pelican Palms	FLA014759	7,500	Inactive
Sand Pebbles	FLA014780	10,000	Active
Sunset Inn	FLA015007	14,000	Active
Tarpon Flats	FLA014750	5,000	Active
Uncles Restaurant	FLA14797	15,000	Active
Whale Harbor	FLA014926	20,000	Active
Woody's	FLA014767	3,300	Active
World Wide Sports	FLA017286	38,000	Active
Ziggie Maddog	FLA186945	6,000	Active
Lower Matecumbe Package Plant Facilities	FDEP Facility Permit Number	FDEP Permitted Capacity (GPD)	Permitted Active / Inactive
Bay Harbor Condos	FLA014887	15,000	Active
Boy Scouts of America	FLA014910	25,000	Active
Caloosa Cove	FLA014956	24,000	Active
Matecumbe Resort	FLA014731	10,000	Active
Sandy Point Condominium	FLA014998	3,000	Active

APPENDIX B:

North Plantation Key WWTP Influent Water Quality

(April 2008 – March 2009)

Date	Alkalinity	Ammonia	CBOD	Organic Nitrogen	Total Nitrogen	TKN	Total Phosphorus	TSS
4/1/08	306	54.1	211	37.8	88.9	88.9	16.2	186
4/15/08	286	52	223	15.8	67.8	67.8	9.28	316
4/29/08	262	52.5	117	11.8	64.3	64.3	8.84	106
5/12/08	274	49.8	100	17.6	67.4	67.4	7.7	260
5/27/08	358	65.8	118	40.2	106	106	12.3	328
6/10/08	250	48.1	355	13	61.1	61.1	8.28	188
6/24/08	356	76.6	105	15.2	91.8	91.8	12.8	136
7/8/08	258	40.8	100	8.4	49.2	49.2	6.39	156
7/22/08	276	55.5	180	24.5	80	80	10.2	298
8/5/08	290	53.2	123	38.7	91.9	91.9	11.3	118
8/20/08	240	33.2	175	23.8	57.2	57	7.14	388
9/16/08	290	67	180	5.8	73	72	8.4	260
9/30/08	330	59	150	18	78	77	12	76
10/14/08	260	25	120	35	60	60	8	140
10/28/08	200	17	61	27	44	44	6.4	170
11/11/08	350	32	150	46	78	78	11	250
11/25/08	260	27	150	50	77	77	7.2	310
12/10/08	*	*	200	*	18	18	2.4	360
12/23/08	260	42	130	11	53	53	6	100
1/6/09	380	77	310	25	100	100	12	280
1/20/09	70	*	130	*	64	64	6.8	120
2/3/09	420	69	170	48	117	117	9.9	320
2/17/09	380	1.3	130	1.8	3.1	3.1	0.14	240
3/3/09	380	*	250	*	98	98	10	550
3/17/09	330	*	180	*	55	55	9.4	360
Average	294	47.5	164.7	24.5	69.7	69.7	8.8	240
Peak	420	77	355	50	117	117	16.2	550

APPENDIX C:

**U.S. Fish & Wildlife Service
Species by County Report**

U.S. Fish & Wildlife Service
Species By County Report *

The following report contains Species that are known to or are believed to occur in this county. Species with range unrefined past the state level are now excluded from this report. If you are looking for the Section 7 range (for Section 7 Consultations), please visit the IPaC application.
County: Monroe, FL

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Birds	Everglade snail kite (Rostrhamus sociabilis plumbeus)	FL pop.	Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Birds	Cape Sable seaside sparrow (Ammodramus maritimus mirabilis)		Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Birds	Bachman's warbler (=wood) (Vermivora bachmanii)		Endangered	South Carolina Ecological Services		
Birds	Wood stork (Mycteria americana)	AL, FL, GA, SC	Endangered	North Florida Ecological Services Field Office	Revised Recovery Plan for the U.S. Breeding Population of the Wood Stork	Final Revision 1
Birds	Piping Plover (Charadrius melodus)	except Great Lakes watershed	Threatened	Office Of The Regional Director	Piping Plover Atlantic Coast Population Revised Recovery Plan	Final Revision 1
Birds	Piping Plover (Charadrius melodus)	except Great Lakes watershed	Threatened	Office Of The Regional Director	Great Lakes & Northern Great Plains Piping Plover	Final
Birds	Roseate tern (Sterna dougallii dougallii)	Western Hemisphere except NE U.S.	Threatened	Caribbean Ecological Services Field Office	Recovery Plan Caribbean Roseate Tern (Sterna dougallii)	Final
Birds	Red knot (Calidris canutus rufa)		Candidate	New Jersey Ecological Services Field Office		
Fishes	Gulf sturgeon (Acipenser oxyrinchus desotoi)		Threatened	Panama City Ecological Services Field Office	Gulf Sturgeon	Final
Flowering Plants	Blodgett's silverbush (Argythamnia blodgettii)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Big Pine partridge pea (Chamaecrista lineata keyensis)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Wedge spurge (Chamaesyce deltoidea serpyllum)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Sand flax (Linum arenicola)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Garber's spurge (Chamaesyce garberi)		Threatened	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Flowering Plants	Florida pineland crabgrass (Digitaria pauciflora)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Key tree cactus (Pilosocereus robinii)		Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Flowering Plants	Cape Sable Thoroughwort (Chromolaena frustrata)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Florida prairie-clover (Dalea carthagenensis floridana)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Florida semaphore Cactus (Consolea corallicola)		Candidate	South Florida Ecological Services Field Office		
Flowering Plants	Everglades bully (Sideroxylon reclinatum ssp. austrofloridense)		Candidate	South Florida Ecological Services Field Office		
Insects	Schaus swallowtail butterfly (Heraclides aristodemus ponceanus)		Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Insects	Miami Blue Butterfly (Cyclargus (=Hemiargus) thomasi bethunebakeri)		Endangered	South Florida Ecological Services Field Office		
Insects	Bartram's hairstreak Butterfly (Strymon acis bartrami)		Candidate			
Insects	Florida leafwing Butterfly (Anaea troglodyta floridalis)		Candidate			
Mammals	Key deer (Odocoileus virginianus clavium)		Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Mammals	West Indian manatee (Trichechus manatus)		Endangered	North Florida Ecological Services Field Office	Florida Manatee Recovery Plan, Third Revision	Final Revision 3
Mammals	West Indian manatee (Trichechus manatus)		Endangered	North Florida Ecological Services Field Office	Recovery Plan Puerto Rican Population of the West Indian (Antillean) Manatee	Final
Mammals	Florida panther (Puma (=Felis) concolor coryi)		Endangered	South Florida Ecological Services Field Office	Third Revision of the Florida Panther Recovery Plan	Final Revision 3
Mammals	Rice rat (Oryzomys palustris natator)	lower FL Keys	Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Mammals	Key Largo cotton mouse (Peromyscus gossypinus allapaticola)		Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Mammals	Key Largo woodrat (Neotoma floridana smalli)		Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Mammals	Lower Keys marsh rabbit (Sylvilagus palustris hefneri)		Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Mammals	Puma (=mountain lion) (Puma (=Felis) concolor (all subsp. except coryi))	FL	Similarity of Appearance (Threatened)	Office Of The Regional Director		

* Report generated 05/07/12.

U.S. Fish & Wildlife Service
Species By County Report *

The following report contains Species that are known to or are believed to occur in this county. Species with range unrefined past the state level are now excluded from this report. If you are looking for the Section 7 range (for Section 7 Consultations), please visit the IPaC application.
County: Monroe, FL

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Reptiles	American alligator (<i>Alligator mississippiensis</i>)		Similarity of Appearance (Threatened)	Office Of The Regional Director		
Reptiles	Hawksbill sea turtle (<i>Eretmochelys imbricata</i>)		Endangered	North Florida Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Hawksbill Turtle	Final Revision 1
Reptiles	Hawksbill sea turtle (<i>Eretmochelys imbricata</i>)		Endangered	North Florida Ecological Services Field Office	Recovery Plan for the Hawksbill Turtle in the U.S. Caribbean, Atlantic and Gulf of Mexico	Final Revision 1
Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	North Florida Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Leatherback Turtle	Final Revision 1
Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	North Florida Ecological Services Field Office	Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic, and Gulf of Mexico	Final Revision 1
Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	FL, Mexico nesting pops.	Endangered	North Florida Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the East Pacific Green Turtle	Final Revision 1
Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	FL, Mexico nesting pops.	Endangered	North Florida Ecological Services Field Office	Recovery Plan for U.S. Population of Atlantic Green Turtle	Final Revision 1
Reptiles	Loggerhead sea turtle (<i>Caretta caretta</i>)		Threatened	North Florida Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Loggerhead Turtle	Final Revision 1
Reptiles	Loggerhead sea turtle (<i>Caretta caretta</i>)		Threatened	North Florida Ecological Services Field Office	Recovery Plan for the Northwest Atlantic Population of the Loggerhead Sea Turtle (<i>Caretta caretta</i>); Second Revision	Final Revision 2
Reptiles	Eastern indigo snake (<i>Drymarchon corais couperi</i>)		Threatened	Mississippi Ecological Services Field Office	Eastern Indigo Snake	Final
Reptiles	American crocodile (<i>Crocodylus acutus</i>)	FL pop.	Threatened	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final
Reptiles	Gopher tortoise (<i>Gopherus polyphemus</i>)	eastern	Candidate			
Snails	Stock Island tree snail (<i>Orthalicus reses</i> (not incl. <i>nesodryas</i>))		Threatened	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Final

APPENDIX D:

**U.S. Fish & Wildlife Service
Natural Resources of Concern**



U.S. Fish and Wildlife Service

Natural Resources of Concern

This resource list is to be used for planning purposes only — it is not an official species-list.

Endangered Species Act species-list information for your project is available online and listed below for the following FWS Field Offices:

SOUTH FLORIDA ECOLOGICAL SERVICES FIELD OFFICE
1339 20TH STREET
VERO BEACH, FL 32960
(772) 562-3909
<http://fws.gov/verobeach>

Project Counties:

Monroe, FL

Project Type:

Wastewater Pipeline

Endangered Species Act Species-list

There are a total of 44 species in your species-list

Species that may be affected by your project: ([View all critical habitat on one map](#))

Birds			
Audubon's Crested caracara (<i>Polyborus plancus audubonii</i>) Population: FL pop.	Threatened	species info	South Florida Ecological Services Field Office



Natural Resources of Concern

Bachman's warbler (<i>Vermivora bachmanii</i>)	Endangered	species info		South Florida Ecological Services Field Office
Cape Sable Seaside sparrow (<i>Ammodramus maritimus mirabilis</i>)	Endangered	species info		South Florida Ecological Services Field Office
Everglade Snail kite (<i>Rostrhamus sociabilis plumbeus</i>) Population: FL pop.	Endangered	species info	Final designated critical habitat	South Florida Ecological Services Field Office
Ivory-Billed woodpecker (<i>Campephilus principalis</i>) Population: entire	Endangered	species info		South Florida Ecological Services Field Office
Piping Plover (<i>Charadrius melodus</i>) Population: except Great Lakes watershed	Threatened	species info	Final designated critical habitat	South Florida Ecological Services Field Office
Red Knot (<i>Calidris canutus ssp. rufa</i>)	Candidate	species info		South Florida Ecological Services Field Office
Roseate tern (<i>Sterna dougallii dougallii</i>) Population: Western Hemisphere except NE U.S.	Threatened	species info		South Florida Ecological Services Field Office



Natural Resources of Concern

Wood stork (<i>Mycteria americana</i>) Population: AL, FL, GA, SC	Endangered	species info		South Florida Ecological Services Field Office
Corals				
Elkhorn coral (<i>Acropora palmata</i>)	Threatened	species info	Final designated critical habitat	South Florida Ecological Services Field Office
Staghorn coral (<i>Acropora cervicornis</i>)	Threatened	species info	Final designated critical habitat	South Florida Ecological Services Field Office
Fishes				
Gulf sturgeon (<i>Acipenser oxyrinchus desotoi</i>)	Threatened	species info		South Florida Ecological Services Field Office
Smalltooth sawfish (<i>Pristis pectinata</i>)	Endangered	species info		South Florida Ecological Services Field Office
Flowering Plants				
Big Pine Partridge pea (<i>Chamaecrista lineata</i> var. <i>keyensis</i>)	Candidate	species info		South Florida Ecological Services Field Office



Natural Resources of Concern

Blodgett's silverbush (<i>Argythamnia blodgettii</i>)	Candidate	species info	South Florida Ecological Services Field Office
Cape Sable Thoroughwort (<i>Chromolaena frustrata</i>)	Candidate	species info	South Florida Ecological Services Field Office
Everglades bully (<i>Sideroxylon reclinatum</i> ssp. <i>austrofloridense</i>)	Candidate	species info	South Florida Ecological Services Field Office
Florida Pineland crabgrass (<i>Digitaria pauciflora</i>)	Candidate	species info	South Florida Ecological Services Field Office
Florida Semaphore Cactus (<i>Consolea corallicola</i>)	Candidate	species info	South Florida Ecological Services Field Office
Florida prairie-clover (<i>Dalea carthagenensis</i> var. <i>floridana</i>)	Candidate	species info	South Florida Ecological Services Field Office
Garber's spurge (<i>Chamaesyce garberi</i>)	Threatened	species info	South Florida Ecological Services Field Office



Natural Resources of Concern

Key Tree cactus (<i>Pilosocereus robinii</i>)	Endangered	species info	South Florida Ecological Services Field Office
Sand flax (<i>Linum arenicola</i>)	Candidate	species info	South Florida Ecological Services Field Office
wedge spurge (<i>Chamaesyce deltoidea</i> ssp. <i>serpyllum</i>)	Candidate	species info	South Florida Ecological Services Field Office
Insects			
Bartram's Hairstreak Butterfly (<i>Strymon acis bartrami</i>)	Candidate	species info	South Florida Ecological Services Field Office
Florida Leafwing Butterfly (<i>Anaea troglodyta floridalis</i>)	Candidate	species info	South Florida Ecological Services Field Office
Miami Blue Butterfly (<i>Cyclargus thomasi bethunebakeri</i>)	Endangered	species info	South Florida Ecological Services Field Office



Natural Resources of Concern

Schaus Swallowtail butterfly (<i>Heraclides aristodemus ponceanus</i>)	Endangered	species info	South Florida Ecological Services Field Office
Mammals			
Florida panther (<i>Puma concolor coryi</i>)	Endangered	species info	South Florida Ecological Services Field Office
Key Largo Cotton mouse (<i>Peromyscus gossypinus allapaticola</i>)	Endangered	species info	South Florida Ecological Services Field Office
Key Largo woodrat (<i>Neotoma floridana smalli</i>)	Endangered	species info	South Florida Ecological Services Field Office
Key deer (<i>Odocoileus virginianus clavium</i>)	Endangered	species info	South Florida Ecological Services Field Office
Lower Keys Marsh rabbit (<i>Sylvilagus palustris hefneri</i>)	Endangered	species info	South Florida Ecological Services Field Office



Natural Resources of Concern

puma (<i>Puma concolor</i>) Population: FL	Similarity of Appearance (Threatened)	species info		South Florida Ecological Services Field Office
rice rat (<i>Oryzomys palustris natator</i>) Population: lower FL Keys	Endangered	species info	Final designated critical habitat	South Florida Ecological Services Field Office
West Indian manatee (<i>Trichechus manatus</i>)	Endangered	species info	Final designated critical habitat	South Florida Ecological Services Field Office
Reptiles				
American alligator (<i>Alligator mississippiensis</i>)	Similarity of Appearance (Threatened)	species info		South Florida Ecological Services Field Office
American crocodile (<i>Crocodylus acutus</i>) Population: FL pop.	Threatened	species info	Final designated critical habitat	South Florida Ecological Services Field Office
Eastern Indigo snake (<i>Drymarchon corais couperi</i>)	Threatened	species info		South Florida Ecological Services Field Office



Natural Resources of Concern

Green sea turtle (<i>Chelonia mydas</i>) Population: FL, Mexico nesting pops.	Endangered	species info	South Florida Ecological Services Field Office
Hawksbill sea turtle (<i>Eretmochelys imbricata</i>)	Endangered	species info	South Florida Ecological Services Field Office
Leatherback sea turtle (<i>Dermochelys coriacea</i>)	Endangered	species info	South Florida Ecological Services Field Office
Loggerhead sea turtle (<i>Caretta caretta</i>)	Threatened	species info	South Florida Ecological Services Field Office
Snails			
Stock Island Tree snail (<i>Orthalicus reses</i>)	Threatened	species info	South Florida Ecological Services Field Office

FWS National Wildlife Refuges

There are 4 refuges in your refuge list

Great White Heron National Wildlife Refuge (305) 872-2239 C/O NATIONAL KEY DEER REFUGE 28950 WATSON BOULEVARD BIG PINE KEY, FL33043	refuge profile
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U.S. Fish and Wildlife Service

Natural Resources of Concern

National Key Deer Refuge (305) 872-2239 28950 WATSON BOULEVARD BIG PINE KEY, FL33043	refuge profile
Key West National Wildlife Refuge (305) 872-2239 C/O NATIONAL KEY DEER REFUGE 28950 WATSON BOULEVARD BIG PINE KEY, FL33043	refuge profile
Crocodile Lake National Wildlife Refuge (305) 451-4223 POST OFFICE BOX 370 KEY LARGO, FL33037	refuge profile

FWS Migratory Birds

Not yet available through IPaC.

FWS Delineated Wetlands

Not yet available through IPaC.

APPENDIX E:

**Florida Finding of No Significant Impact
(FFONSI)**



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

FLORIDA FINDING OF NO SIGNIFICANT IMPACT

Islamorada, Florida

WW88202 – Collection, Transmission, Treatment and Disposal Facilities

April 20, 2012

Chapter 62-503, Florida Administrative Code, requires the Florida Department of Environmental Protection (DEP) to determine whether providing a State Revolving Fund (SRF) loan for construction of a wastewater treatment plant upgrade and expansion will have a significant adverse impact on the environment. In making this determination, the DEP assumes that all facilities and actions recommended in the planning documents will be implemented, whether or not SRF loan assistance is used to fund any of those facilities or actions. A Florida Finding of No Significant Impact (FFONSI) is issued when, based upon available information, it appears that implementing the plan will not have a significant adverse impact on the environment.

The proposed project would provide a regional wastewater system for the entire village of Islamorada, and would replace the existing septic systems and package wastewater treatment facilities. The collection system would consist of a vacuum system or a hybrid system that would be primarily vacuum sewers with some gravity sewers. Because the project would be constructed through a design/build process, the treatment and disposal of the wastewater would be provided through one of two alternatives described in the Request for Proposals. The first alternative is an "On-Island" approach with the treatment facility to be constructed on Plantation Key. The second alternative is to pump the wastewater to the Key Largo Wastewater Treatment District facility through a transmission main that would be installed parallel to the existing transmission main. Treatment and disposal would then be handled at that facility. This project is needed to reduce nutrients and bacteria in the near shore waters and is projected to cost between \$105,000,000 and \$110,000,000.

The DEP tentatively finds, based on a review of the "Village of Islamorada Wastewater Management Plan" dated April 2012, prepared for Islamorada, Village of Islands, that the project will not have a significant adverse environmental impact. Attached is an Environmental Assessment containing information organized in the following sections: (A) Proposed Facilities and Funding Status; (B) Existing Environment; (C) Existing Wastewater

FLORIDA FINDING OF NO SIGNIFICANT IMPACT NOTIFICATION

Islamorada, Florida

April 20, 2012

Page Two

Facilities; (D) Need for the Proposed Facilities; (E) Alternative Analysis; (F) Environmental Consequences and Mitigative Measures; and (G) Public Participation and Sources Consulted.

This FFONSI does not commit any regulatory agency to issue permits that may be required for construction of the proposed facilities. The DEP will not approve the project planning documentation, thereby making this tentative finding of no significant environmental impact final, without carefully evaluating public comments that indicate the proposed facilities or actions recommended in the planning documents will adversely affect the environment. A copy of the "Village of Islamorada Wastewater Management Plan" dated April 2012 prepared for Islamorada, Village of Islands and related documentation to support this decision will be available for public inspection by contacting the Islamorada Village of Islands, 86800 Overseas Highway, Islamorada, Florida 33036-3152, and at the DEP office located at 2600 Blair Stone Road, Room 505, Tallahassee, Florida.

In order to be considered, comments must be submitted within 30 days of the date of this notice to Mahnaz Massoudi, Bureau of Water Facilities Funding, Department of Environmental Protection, 2600 Blair Stone Road, MS3505, Tallahassee, Florida 32399-2400, or comments may be offered by telephone at 850/245-8358.



Phil Coram, P.E.

Deputy Director

Division of Water Resource Management

PC/wff/mm

ENVIRONMENTAL ASSESSMENT

Islamorada, Florida

WW88202 – Collection, Transmission, Treatment and Disposal Facilities

A. Proposed Facilities and Funding Status:

1. Introduction

Islamorada, Village of Islands is an incorporated village in Monroe County, Florida. According to the United States Census Bureau, the village has a total area of 7.2 square miles, 7.1 square miles of which is land and 0.1 square miles is water.

Islamorada consists of four islands: Plantation Key, Windley Key, Upper Matecumbe Key, and Lower Matecumbe Key. Islamorada is a vacation destination with a population of roughly 6,400 which fluctuates seasonally and has a variety of hotels, resorts, and marinas. Over half of Islamorada's residents live on Plantation Key, the largest of Islamorada's four islands. Plantation Key contains a number of residential subdivisions, many of which are interspersed with canals. Islamorada's public schools are located on Plantation Key, as are several condominiums and a variety of businesses serving both local population and tourists.

2. Proposed Facilities

The proposed project would provide a regional wastewater system for the entire village of Islamorada, and would replace the existing septic systems and package wastewater treatment facilities. The collection system would consist of a vacuum system or a hybrid system that would be primarily vacuum sewers with some gravity sewers. Because the project would be constructed through a design/build process, the treatment and disposal of the wastewater would be provided through one of two alternatives described in the Request for Proposals. The first alternative is an "On-Island" approach with the treatment facility to be constructed on Plantation Key. The second alternative is to pump the wastewater to the Key Largo Wastewater Treatment District facility for treatment and disposal through a transmission main that would be installed parallel to the existing transmission main.

3. Funding Status

The proposed project was placed on the fundable portion of the Clean Water State Revolving Fund fundable list in February 2012 for a preconstruction loan of \$6,194,014, based on a total project cost of \$93,137,249. The proposed

construction project will be eligible to receive an SRF construction loan upon completion of all planning and readiness-to-proceed requirements.

B. Existing Environment:

The climate of Islamorada is warm and humid. The average high temperature in the summer reaches up to 90 degrees F while the average low temperature during the winter months is 57 degrees F. The annual precipitation in the area is approximately 45 inches of which 61 percent occurs in the summer and early fall months between June and October.

A majority of the area is composed of Pennekamp gravelly muck, which has 0-2 percent slopes and is extremely stony. There are other soils identified but they too are denoted as "muck" with a tidal influence. The parent material of Pennekamp soil is loamy residuum over coral limestone.

Pennekamp soils are generally well drained and have 4 to 16 inches of cover before reaching a restrictive feature such as paralithic bedrock. The depth to the water table is generally 42 to 60 inches. A typical profile is 0 to 3 inches of gravelly muck, 3 to 8 inches of very gravelly loam and 8 to 12 inches of weathered bedrock.

The other soils classified as tidal muck make up less than 6% of Islamorada's composition and do not differ that greatly from the Pennekamp characteristics to be noteworthy herein. They too have parent materials that consist of organic materials over coral limestone.

C. Existing Wastewater Facilities:

Historically, Islamorada's wastewater infrastructure has been privately owned. Most homeowners and small public/private facilities discharge wastewater to septic tanks, while larger facilities discharge to onsite, privately owned wastewater treatment package plants. Most of these systems are not capable of meeting future effluent standards without replacement or upgrade.

In 2007, The Village constructed its first wastewater treatment facility (WWTF) and supporting collection system. The North Plantation Key (NPK) WWTF came on line with an average daily maximum month capacity of 0.355 MGD. The associated collection system was constructed in two phases. Phase I was permitted and became operational in 2007 for the Plantation Key Colony service area. The Phase II system collects wastewater from the remaining residents and commercial customers of North Plantation Key. This second phase is in the final stages of commissioning.

The NPKWWTF is equipped with a 240,000 gallon reclaimed storage tank and associated pumping station. A 6-inch diameter reclaimed water line was installed during this timeframe from the NPKWWTF to the Village's Founder's Park to carry future reclaimed water to the park for irrigation. The reclaimed water line runs along the ocean side of US-1 and crosses the highway both at the treatment facility and the park.

D. Need for the Proposed Facilities:

Currently, the majority of residents and commercial establishments in the Keys are not connected to advanced wastewater treatment systems; rather septic tanks and outdated onsite package plants. These systems, if not properly operated, allow bacteria and nutrients to leech into near shore waters. In areas where testing is performed on near shore waters, beaches are often posted for health advisories after moderate rainfall because fecal coliform bacteria have leached into surface waters.

Within the Florida Keys National Marine Sanctuary (Sanctuary) are unique and nationally significant marine environments, including seagrass meadows, mangrove islands, and the only living coral barrier reef in North America. These marine environments support rich biological communities possessing extensive conservation, recreational, commercial, and aesthetic values, all of which give this area special national significance. The Sanctuary offers many opportunities for recreation, commercial fishing, and tourism based businesses that comprise a large portion of Florida's economy.

Numerous scientific studies have documented the contribution of failing septic tanks and cesspools to the deterioration of canal and nearshore water quality in the Keys. In addition, research has suggested that increased nutrient loadings from wastewater into canals and nearshore waters are one of the major contributors to the decline of water quality within the Sanctuary.

E. Alternative Analysis:

Islamorada has received proposals for a design/build project to construct the wastewater facilities. The Request for Proposals allowed two alternatives, one "On-Island" treatment, and the other would pump the wastewater to the Key Largo Wastewater Treatment Plant for treatment and disposal. The most cost-effective alternative in the long term is the one that will be selected. Details of each of these alternatives is provided below.

Alternative No. 1:

The first alternative is an "On-Island" approach which would consist of collecting wastewater from all four islands via vacuum collection and treating

it at a new wastewater reclamation facility to be constructed on the southern portion of Plantation Key. Specifically, the new wastewater treatment facility is planned to be located at 86560 Overseas Highway, known locally as the Key Lime property, a 3 acre parcel within the Village's industrial zone. The facility would be constructed using Sequencing Batch Reactor (SBR) technology at a maximum month capacity of 1.1 MGD. A reuse system could be added to the facility should it be deemed beneficial to the community at a later time. Two other locations have been considered as the location of the wastewater facility; a 3 acre parcel located at 87201 Old Highway known as the "Beach Site", and expanding the Village's existing North Plantation Key Wastewater Treatment Facility from 0.355 MGD to 1.1 MGD Max Month. Should the Key Lime site alternative become a less desirable on-island alternative, the Village would consider locating the facility to one of the alternative sites. The total estimated capital cost for constructing an on-island treatment facility and commensurate hybrid collection system is approximately \$110 million.

Alternative No. 2:

The second alternative includes collecting the wastewater from each of the four islands via a hybrid collection system consisting of mostly vacuum technology and sending it to an existing wastewater treatment plant located on Key Largo owned and operated by the Key Largo Wastewater Treatment District via force main. This alternative will require booster stations to send the flow to the wastewater treatment facility. As part of this alternative, the existing wastewater treatment facility in North Plantation Key could be kept in service to produce reuse water. Reuse water would be used for irrigation at nearby properties such as the Village's Founder's Park and Coral Shores High School. Reuse water service may also be provided to many of the large resort communities along US-1 on Plantation Key, Windley Key, and Upper Matecumbe Key. The total estimated capital cost for constructing a hybrid collection system and transmitting flow to the Key Largo Wastewater Treatment Plant for proper treatment and disposal is approximately \$105 million.

Selected Alternative

Both alternatives are still being considered in the design/build process, however, the Village will likely move forward with the second alternative which includes collecting the wastewater from each of the four islands via a hybrid collection system consisting of mostly vacuum technology and sending it to an existing wastewater treatment plant located on Key Largo owned and operated by the Key Largo Wastewater Treatment District via force main since it appears to be more cost-effective, more environmental friendly and publically desirable.

F. Environmental Consequences and Mitigative Measures:

Creating a centralized wastewater treatment facility for the Village of Islamorada will eliminate numerous septic tanks, cesspools, and small unreliable package plants which are sources of nutrient loadings and major contributors to the decline of nearshore water quality. The addition of the proposed wastewater treatment system will have a beneficial effect on the environment.

The transmission mains for the proposed wastewater system upgrade are in areas that have previously been disturbed, are not located within important farmland or formally classified lands, and will not affect zoning or future land use. This project will not have a significant adverse human health or environmental impact on minority or low income communities. Temporary adverse impacts observed at the construction sites will include increased noise levels, minor disruptions in traffic, and an increase in the amount of airborne particulates. Control measures will be implemented to minimize these temporary impacts.

No adverse effects on any water bodies, endangered plants or animals are expected as a result of the project.

G. Public Participation and Sources Consulted:

Islamorada has demonstrated that it has legal, institutional, managerial and financial capability to construct, operate, and maintain the wastewater management system. A public meeting is scheduled to be held on May 24, 2012 to discuss the proposed project and the financial and environmental impacts on the community. The Department is not aware of any significant environmental objections to the project which have not been satisfactorily addressed.

Sources consulted regarding this project include:

- 1.Village of Islamorada
- 2.Wade Trim
- 3.AECOM
- 4.Key Largo Wastewater Treatment District
- 5.Florida Department of Environmental Protection

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Issue Date: April 20, 2012

Total number of notices in Section XII: 17

Notice / Adopted	Section	Description	ID	Publish Date
	Misc Agency 1A	Formal Solicitation of Applications for FY 2013 Florida Certified Local Government Regional Training Programs	11395868	4/20/2012 Vol. 38/16
	Misc Agency 1A	2014 Viva Florida 500 Small Matching Historic Preservation Grant Application Solicitation	11404986	4/20/2012 Vol. 38/16
	Misc Agency 11D	Notice of Application for Federal Funds and Funding Availability	11384519	4/20/2012 Vol. 38/16
	Misc Agency 15C	Jealse Scooters, Inc., for the line-make TAOI	11401397	4/20/2012 Vol. 38/16
	Misc Agency 15C	NOSA, Inc., d/b/a Palmetto Motorsports, for the line-make HUSQ	11401494	4/20/2012 Vol. 38/16
	Misc Agency 15C	Solano Cycle, Inc., Orange Park for the line-make TAOI	11401591	4/20/2012 Vol. 38/16
	Misc Agency 15C	Beach Classic Scooter, LLC, for the establishment of line-make DAIX	11400621	4/20/2012 Vol. 38/16
	Misc Agency 15C	Golf Car & Utility Vehicle Distributors, LLC, for the establishment of the line-make GARI	11400718	4/20/2012 Vol. 38/16
	Misc Agency 15C	J and F South Florida Investments, Inc. for the line-make TAOI	11400912	4/20/2012 Vol. 38/16
	Misc Agency 59E	Oak Hill Hospital emergency service exemption	11385101	4/20/2012 Vol. 38/16
	Misc Agency 62	Bureau of Water Facilities Funding	11385198	4/20/2012 Vol. 38/16
	Misc Agency 62	Notice of Intent to Grant Variance	11397323	4/20/2012 Vol. 38/16
	Misc Agency 62S	Florida State Clearinghouse	11035222	4/20/2012 Vol. 38/16
	Misc Agency 69U	Financial Institutions	11401785	4/20/2012 Vol. 38/16
	Misc Agency 73C	Final Order No. DEO-12-039	11393831	4/20/2012 Vol. 38/16
	Misc Agency 73C	Final Order No.: DEO-12-038	11396062	4/20/2012 Vol. 38/16
	Misc	Office Of The Medical Examiner And Trauma Services	11400427	4/20/2012

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Notice: 11385198

Miscellaneous

Department: DEPARTMENT OF ENVIRONMENTAL PROTECTION



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Overview

Bureau of Water Facilities Funding

REFERENCE MATERIALS: No reference(s).

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Miscellaneous

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Water Facilities Funding

NOTICE OF AVAILABILITY

FLORIDA FINDING OF NO SIGNIFICANT IMPACT

Islamorada, Village of Islands, Florida

The Department of Environmental Protection has determined that Islamorada's proposed project to construct a regional wastewater system for the entire village, replacing the existing septic systems and package wastewater treatment facilities, will not have a significant adverse impact on the environment. The total estimated construction cost is \$110,000,000. The project is expected to qualify for a State Revolving Fund loan composed of federal and state matching funds.

A full copy of the Florida Finding of No Significant Impact can be obtained by writing: Mahnaz Massoudi, Bureau of Water Facilities Funding, Department of Environmental Protection, 2600 Blair Stone Road, MS #3505, Tallahassee, Florida 32399-2400 or by contacting her at (850)245-8358.

APPENDIX F:

Florida Administrative Weekly
Volume 38, Number 16

review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when the order is filed with the Clerk of the Department.

**NOTICE OF AVAILABILITY
FLORIDA FINDING OF NO SIGNIFICANT IMPACT**

Islamorada, Village of Islands, Florida

The Department of Environmental Protection has determined that Islamorada's proposed project to construct a regional wastewater system for the entire village, replacing the existing septic systems and package wastewater treatment facilities, will not have a significant adverse impact on the environment. The total estimated construction cost is \$110,000,000. The project is expected to qualify for a State Revolving Fund loan composed of federal and state matching funds.

A full copy of the Florida Finding of No Significant Impact can be obtained by writing: Mahnaz Massoudi, Bureau of Water Facilities Funding, Department of Environmental Protection, 2600 Blair Stone Road, MS #3505, Tallahassee, Florida 32399-2400 or by contacting her at (850)245-8358.

Florida State Clearinghouse

The state is coordinating reviews of federal activities and federally funded projects as required by Section 403.061(40), F.S. A list of projects, comments deadlines and the address for providing comments are available at: <http://appprod.dep.state.fl.us/clearinghouse/>. For information, call (850)245-2161. This public notice fulfills the requirements of 15 CFR 930.

FINANCIAL SERVICES COMMISSION

NOTICE OF FILINGS

Notice is hereby given that the Office of Financial Regulation, Division of Financial Institutions, has received the following applications. Comments may be submitted to the Division Director, 200 East Gaines Street, Tallahassee, Florida 32399-0371, for inclusion in the official record without requesting a hearing. However, pursuant to provisions specified in Chapter 69U-105, Florida Administrative Code, any person may request a public hearing by filing a petition with the Agency Clerk as follows:

By Mail or Facsimile	OR	By Hand Delivery
Agency Clerk		Agency Clerk
Office of Financial Regulation		Office of Financial Regulation
P. O. Box 8050		General Counsel's Office
Tallahassee, Florida		The Fletcher Building
32314-8050		Suite 118
Phone (850)410-9800		101 East Gaines Street
Fax: (850)410-9548		Tallahassee, Florida
		32399-0379
		Phone: (850)410-9889

The Petition must be received by the Clerk within twenty-one (21) days of publication of this notice (by 5:00 p.m., May 11, 2012):

APPLICATION TO ACQUIRE CONTROL

Financial Institution to be Acquired: OptimumBank Holdings, Inc. (OptimumBank), Fort Lauderdale, Florida

Proposed Purchasers: Mr. Moishe Gubin, South Bend, IN and Mr. Mark T. Orenstein, Chicago, IL

Received: April 4, 2012

**APPLICATION FOR CONVERSION OF A FEDERAL
SAVINGS ASSOCIATION TO A STATE BANK**

Applicant and Location: OneSouth Bank, a Federal Stock Savings Bank, 1385 Main Street, Chipley, Washington County, Florida 32428

With Title: OneSouth Bank

Received: April 4, 2012

Notice is hereby given that the Office of Financial Regulation, Division of Financial Institutions, has received a written withdrawal of the following application:

APPLICATIONS WITHDRAWN

Application to Organize a Successor Institution

Constituent Institutions: AMB Interim Bank (Successor Institution), Tampa, Florida and Brazos Valley Bank, National Association, College Station, Texas

Resulting Institution: Brazos Valley Bank, National Association

Received: September 27, 2011

Withdrawn: April 5, 2012

DEPARTMENT OF ECONOMIC OPPORTUNITY

Final Order No.: DEO-12-038

DEPARTMENT OF ECONOMIC OPPORTUNITY

In re: POLK COUNTY LAND DEVELOPMENT
REGULATIONS ADOPTED BY
POLK COUNTY ORDINANCE NO. 12-009

FINAL ORDER

The Department of Economic Opportunity (the "Department") hereby issues its Final Order, pursuant to Sections 380.05(6) and (11), Florida Statutes, (2011), approving Polk County Ordinance No. 12-009 (the "Ordinance").

FINDINGS OF FACT

1. The Green Swamp Area is designated by section 380.0551, Florida Statutes (2011), and Chapter 28-26, Florida Administrative Code, as an area of critical state concern. Polk County is a local government within the Green Swamp Area.

APPENDIX G:

FDEP Environmental Resources
Permit No. 44-0301378-002



Florida Department of Environmental Protection

South District Office
P.O. Box 2549
Fort Myers, FL 33902-2549

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Permittee/Authorized Entity:

Islamorada Village of Islands
86800 Overseas Highway
Islamorada, FL 33036

Stormwater Management System - Middle Plantation Key Vacuum Station

Authorized Agent:

n/a

**Environmental Resource Permit
State-owned Submerged Lands Authorization -Not Applicable**

U.S. Army Corps of Engineers Authorization - Not Applicable

Permit No.: 44-0301378-002

**Permit Issuance Date: August 10, 2011
Permit Construction Phase Expiration Date: August 10, 2016**

Environmental Resource Permit

Permittee: Islamorada Village of Islands

Permit No: 44-0301378-002

PROJECT LOCATION

The activities authorized by this Permit are located at the intersection of Key Heights Drives and U.S. Highway 1, Parcel Id. No. 00416020-000000, in Section 07, Township 63 South, Range 38 East, Monroe County.

AUTHORIZATIONS

Stormwater Management System - Middle Plantation Key Vacuum Station

Project Description

The permittee is authorized to construct a surface water management system to serve 0.1728 acre of the entire 1.57-acre site for the construction of the Islamorada, Village of Islands Middle Plantation Key Vacuum Station. Stormwater management is provided by a dry retention area where the total stormwater runoff volume recovery/disposal from the 0.1728-acre project area will be accomplished by infiltration through percolation and discharge through a well control structure to an injection well (no external discharge from the site). Stormwater runoff will be directed to the retention area by site grading. Authorized activities are depicted on the attached drawings.

The project described above may be conducted only in accordance with the terms, conditions and attachments contained in this permit. The issuance of this permit does not infer, nor guarantee, nor imply that future permits or modifications will be granted by the Department.

Please be advised that this permit does not constitute the issuance of a NPDES Stormwater Permit or acceptance of an NPDES Stormwater Pollution Prevention Plan. For additional information regarding this matter please contact the NPDES Stormwater Notices Center toll free at (866) 336-6312 or Department personnel in Tallahassee at (850) 245-7522.

Sovereignty Submerged Lands Authorization

As staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), the Department has reviewed the activity described above and has determined the activity is not on submerged lands owned by the State of Florida. Therefore, your project is not subject to the requirements of Chapter 253, Florida Statutes (F.S.).

Federal Authorization

A copy of this permit has been sent to the U.S. Army Corps of Engineers (USACE). The USACE may require a separate permit. Failure to obtain any required federal permits prior to construction could subject you to enforcement action by that agency.

Coastal Zone Management

This permit also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Management Act.

Water Quality Certification

This permit constitutes certification of compliance with state water quality standards under Section 401 of the Clean Water Act, 33 U.S.C. 1341.

Other Authorizations

You are advised that authorizations or permits for this project may be required by other federal, state or local entities including but not limited to local governments and homeowner's associations. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

In addition, you are advised that your project may require additional authorizations or permits from the municipality/county in which the project is located. Please be sure to contact the local county building and environmental department to obtain these required authorizations.

PERMIT

The activities described herein must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to commencing the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings. If you are utilizing a contractor, the contractor also should read and understand these conditions and drawings prior to commencing the authorized activities. Failure to comply with these conditions, including any mitigation requirements, shall constitute grounds for revocation of the Permit and appropriate enforcement action by the Department.

Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit/certification/authorization, as specifically described above.

SPECIFIC CONDITIONS - CONSTRUCTION ACTIVITIES

1. All required submittals such as certifications, monitoring reports, notifications, etc., shall be submitted to the Florida Department of Environmental Protection, South District Marathon Office, 2796 Overseas Highway, Suite 221, Marathon, Florida 33050. All submittals shall include the project name and indicated permit number when referring to this project.
2. Best management practices (BMP) for erosion control shall be implemented and maintained at all times during construction to prevent siltation, erosion and turbid discharges to waters of the State. Methods shall include, but are not limited to, the use of staked hay bales; staked filter cloth/fabric; turbidity barriers; sheet piling; and staged construction around the immediate project site. The Permittee shall be responsible for the correction of any erosion, shoaling or water quality problems that result from the construction or operation of the permitted activity.
3. **Throughout the construction process** staked filter cloth/fabric (or other BMP methods) shall be positioned at the edge of the permitted fill slopes to contain turbid runoff and erosion. This filter cloth (or other BMP methods) shall be maintained in place until all side slopes are completely stabilized by sod, seed, or affirmative plantings. The side slope stabilization shall be completed as soon as possible, but shall occur **no later than 72 hours of attaining final grade**, and any other time as necessary to prevent erosion, siltation and turbid run-off into Waters of the State, including wetlands. Other best management practices shall be implemented and maintained as stated elsewhere in these specific conditions or as shown in the permit drawings.
4. The project area shall be graded, in accordance with the permit drawings, to route stormwater runoff to the stormwater retention area where it will be treated by infiltration through percolation and disposed of by discharge through a well control structure to an injection well (no external discharge from the site). The dry retention area bottom and side slopes, and the berm tops and side slopes shall be maintained at the design elevations and slopes shown on the permit drawings.
5. The stormwater management system facilities that consist of the retention area, swales, berms and all side slopes shall be sodded as shown on the permit drawings.
6. Stormwater Management Facility:

Stormwater quality treatment, to serve 0.1728-acre of the entire 1.57-acre site for the construction of the Islamorada, Village of Islands Middle Plantation Key Vacuum Station is accomplished by infiltration through percolation and discharge through a well control structure to an injection well (no external discharge from the site).

Retention Area Number 1 -
Bottom Elevation: 7.50 Feet, NGVD
Top-of-Slope Elevation: 9.50 Feet, NGVD

Retention Area Number 2 -
Bottom Elevation: 8.50 Feet, NGVD
Top-of-Slope Elevation: 9.50 Feet, NGVD

7. Stormwater Discharge Facility (Well Control Structure - see permit drawings):

Structure Grate (Top) Elevation: 10.65 Feet, NGVD
Ret. Area # 1 - 8-in. Sch. 80 PVC Inlet Culvert Inv. Elev.: 7.40 Feet, NGVD
Ret. Area # 2 - 8-in. Sch. 80 PVC Inlet Culvert Inv. Elev.: 8.40 Feet, NGVD
Interior Concrete Control Weir Crest Elevation: 9.15 Feet, NGVD
Interior Concrete Oil Retainer Baffle Bottom Elevation: 5.80 Feet, NGVD
Top of 8-inch Injection Well* Casing Elevation: 6.00 Feet, NGVD

* Injection well is not a part of this ERP permit

Min. Project Berm Elevation (see permit drawings): 9.50 Feet, NGVD

Receiving Body: On-site retention area (by infiltration and injection well).

Wet Season Water Table Elevation: 6.00 Feet, NGVD

8. Facilities other than those stated herein shall not be constructed without an approved modification of this permit.

9. All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and a violation of Part Four of Chapter 373, Florida Statutes (F.S.).

10. A stable, permanent and accessible elevation reference (benchmark) shall be established on or within one hundred (100) feet of all permitted discharge structures no later than the submission of the statement of completion and certification. The location of the elevation reference must be noted on or with the certification statement.

11. If prehistoric or historical artifacts, such as pottery or ceramics, stone tools or metal implements, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, the permitted project should cease all activities

involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or other designee, should contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, as well as the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.

SPECIFIC CONDITIONS - POST-CONSTRUCTION ACTIVITIES

12. As presented in the permit application and supporting documents, the operation and maintenance of the stormwater treatment system shall be the responsibility of Islamorada, Village of Islands, Public Works and Utilities Department. Therefore, operation and maintenance of the permitted activity shall be the responsibility of Islamorada, Village of Islands, Public Works and Utilities Department.

13. The attached "Middle Plantation Key Vacuum Station Site - Stormwater Management System Annual and Daily Inspection and Maintenance Plan" (one page) shall be followed in addition to any other maintenance requirements stated in this permit.

14. The stormwater management system shall be inspected after all heavy storm events and at other appropriate times (not to exceed one month) to remove any and all debris from the system to assure its proper functioning. Particular attention shall be given to the project area perimeter berm, the slopes and bottom of the retention area, the well control structure elements, i.e., the interior concrete control weir and concrete oil retainer baffle.

GENERAL CONDITIONS:

1. All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and a violation of Part IV of Chapter 373, (F.S.).

2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by the Department staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

3. Activities approved by this permit shall be conducted in a manner which does not cause violations of state water quality standards. The permittee shall implement

best management practices for erosion and pollution control to prevent violations of state water quality standards. Temporary erosion control shall be implemented prior to and during construction and permanent control measures shall be completed within seven (7) days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into the receiving water-body exists due to the permitted work. Turbidity barriers shall remain in place at all locations until construction is completed and soils are stabilized and vegetation has been established. All practices shall be in accordance with the guidelines and specifications described in Chapter Six of the Florida Land Development Manual; A Guide to Sound Land and Water Management (Department of Environmental Regulation, 1988), unless a project-specific erosion and sediment control plan is approved as part of the permit. Thereafter, the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

4. The permittee shall notify the Department of the anticipated construction start date within thirty (30) days of the date that this permit is issued. **At least forty-eight (48) hours prior** to commencement of the activity authorized by this permit, the permittee shall submit to the Department an "Environmental Resource Permit Construction Commencement" notice (Form No. 62-343.900(3), Florida Administrative Code (F.A.C.)) indicating the actual start date and expected completion date.

5. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the Department on an annual basis utilizing an "Annual Status Report Form" (Form No. 62-343.900(4), F.A.C.). Status Report Forms shall be submitted the following June of each year.

6. **Within thirty (30) days after completion of construction** of the permitted activity, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law utilizing the supplied "Environmental Resource Permit As-Built Certification by a Registered Professional" (Form No. 62-343.900(5), F.A.C.). The Statement of completion and certification shall be based on on-site observation of construction or review of as-built drawings for the purpose of determining if the work was completed in compliance with permitted plans and specifications. This submittal shall serve to notify the Department that the system is ready for inspection. Additionally, if deviations from the approved drawings are discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations note. Both the original and revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor.

7. The operation phase of this permit shall not become effective; until the permittee has complied with the requirements of condition number six (6) above, has **submitted a "Request for Transfer of Environmental Resource Permit Construction Phase to Operation Phase"** (Form 62-343.900(7), F.A.C.); the Department determines the system to be in compliance with the permitted plans and specifications; and the entity approved by the Department in accordance with Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit Applications Within the South Florida Water Management District – August 1995, accepts responsibility for operation and maintenance of the system. The permit shall not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the Department, the permittee shall initiate transfer of permit to the approved responsible operation entity if different from the permittee. Until the permit is transferred pursuant to Rule 62-343.110(1) (d), F.A.C., the permittee shall be liable for compliance with the terms of the permit.

8. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of the phase or portion of the system to a local government or other responsible entity.

9. For those systems that will be operated or maintained by an entity that will require an easement or deed restriction in order to enable that entity to operate or maintain the system in conformance with this permit, such easement or deed restriction must be recorded in the public records and submitted to the Department along with any other final operation and maintenance documents required by Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit Applications Within the South Florida Water Management District – August 1995, prior to lot or unit sales or prior to lot or unit sales or prior to the completion of the system, whichever occurs first. Other documents concerning the establishment and authority of the operation entity must be filed with the Secretary of State where appropriate. For those systems which are proposed to be maintained by the county or municipal entities, final operation and maintenance documents must be received by the Department when maintenance and operation of the system is accepted by the local government entity. Failure to submit the appropriate final documents will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system and any other permit conditions.

10. Should any other regulatory agency require changes to the permitted system, the permittee shall notify the Department in writing of the changes prior to implementation so that a determination can be made whether a permit modification is required.

11. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and Chapter 40E-4 or Chapter 40E-40, F.A.C.

12. The permittee is hereby advised that Section 253.77, F.S. states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorization from the Board of Trustees prior to commencing activity on sovereignty lands or other state owned lands.

13. The permittee is advised that the rules of the South Florida Water Management District require the permittee to obtain a water use permit from the South Florida Water management District prior to construction dewatering, unless the work qualifies for a general permit pursuant to Rule 40E-20.302(4), F.A.C., also known as the "No Notice" rule.

14. The permittee shall hold and save the Department harmless from any and all damages, claims or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by this permit.

15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Section 373.421(2), F.S., provides otherwise.

16. The permittee shall notify the Department in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 62-343.130, F.A.C. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations prior to the sale, conveyance or other transfer of the system.

17. Upon reasonable notice to the permittee, Department authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.

18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the appropriate Department office.

19. The permittee shall immediately notify the Department in writing of and previously submitted information that is later discovered to be inaccurate.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action; and

(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Also, a copy of the petition shall be mailed to the permittee at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the permittee must be filed with 21 days of receipt of this written notice. Petitions filed by any persons other than the permittee, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition with 21 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The permittee, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory

Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when the order is filed with the Clerk of the Department.

Judicial Review

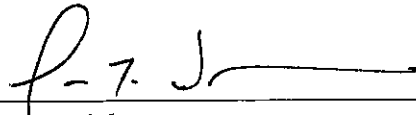
Any party to this action has the right to seek judicial review pursuant to section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, M.S. 35, Tallahassee, Florida 32399-3000; and

[This portion intentionally left blank.]

by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed with 30 days from the date this action is filed with the Clerk of the Department.

Executed in Lee County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
District Director
South District Office

JMI/ch

Attachments:

Project Drawings: 8 Pages (11"x17" reduced permit drawings)
"Middle Plantation Key Vacuum Station Site - Stormwater Management System Annual and Daily Inspection and Maintenance Plan" (one page)
Commencement notice /62-343.900(3)
Annual status report/62-343.900(4)
As-built certification/62-343.900(5)
Inspection certification/62-343.900(6)
Transfer construction to operation phase/ 62-343.900(7)
Application for transfer of an ERP permit/62-343.900(8)

Copies furnished to:

Weiler Engineering, consultant
U.S. Army Corps of Engineers, Miami
Monroe County Property Appraiser

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit and authorization, including all copies, were mailed before the close of business on August 10, 2011 to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under 120.52(7) of the
Florida Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged.

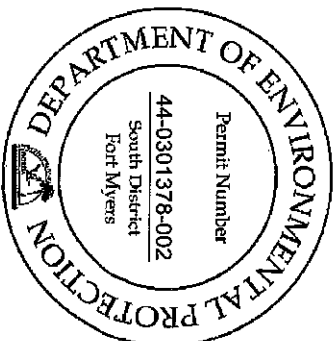
Marie Vidrine 8-10-11
Clerk Date



ISLAMORADA, VILLAGE OF ISLANDS

PUBLIC WORKS AND
UTILITIES DEPARTMENT

MIDDLE PLANTATION KEY VACUUM SEWER STATION VILLAGE PROJECT NO. 44300-MPK2



INDEX OF DRAWINGS

- CP-1 COVER SHEET
- CP-2 AERIAL SITE PLAN
- CP-3 EXISTING CONDITIONS / DEMOLITION PLAN
- CP-4 DRAINAGE PLAN (SCALE 1"=40')
- CP-5 DRAINAGE PLAN W/ OFF-SITE ELEVATIONS (SCALE 1"=20')
- CP-6 DRAINAGE SECTIONS
- CP-7 DRAINAGE DETAILS
- CP-8 GENERAL NOTES



VILLAGE COUNCIL

Michael Beckwerdt , Mayor
Ken Phillips , Vice Mayor
Don Achenberg , Councilman
Dave Purdo , Councilman
Ted Blackburn , Councilman
Edward Kocconis , Village Manager
Greg Tindle , Wastewater Program Manager

LOCATION MAP

MAY 2011

CONSTRUCTION SET - ERP PERMIT

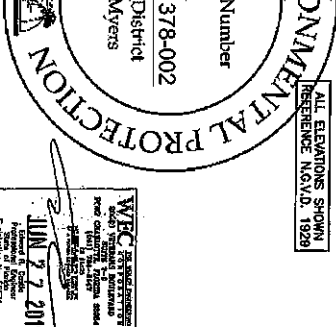
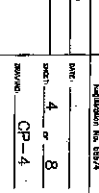
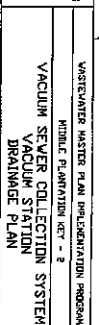
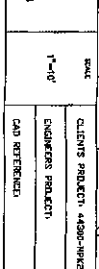
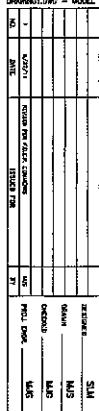
WEC THE WELER ENGINEERING
CORPORATION
8806 OVERSEAS HIGHWAY
MARATHON, FL 33050
PORT CHARLOTTE, FLORIDA 33954
(305) 289-4181

WADETRIM
9218 Overseas Highway
Key Largo, FL 33037
305.282.4548/305.284.0446 FAX: 305.283.5124
NO #0000 Certificate of Authorization No. 3952

RECEIVED
JUN 28 2011
D.E.P. Meetings

JUN 27 2011
Approved to Construct
Professional Engineer
State of Florida
Registration No. 58574

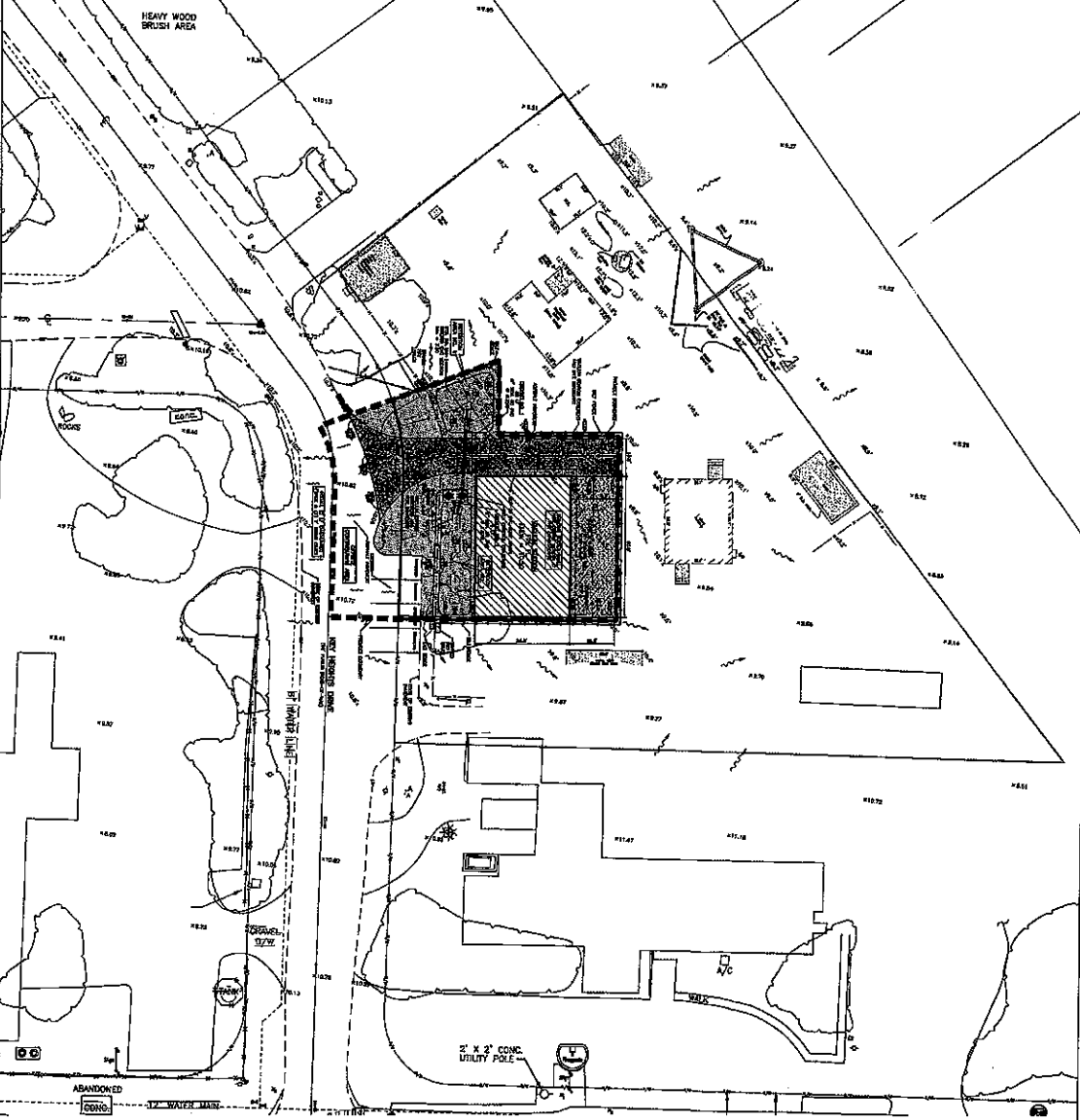
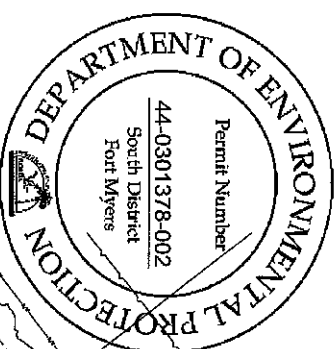
TITLE SHEET AND LOCATION MAP
SHEET CP-1 OF 8



RETENTION AREA DATA				
RETENTION AREA NO.	ORG. LIQ. (μ mol/L)	PP OF SALT L. (mmol/L)	RETENTION COEFF.	TOP RETENTION AREA
1	0.07	0.00	7.37	6.87
2	0.07	0.00	8.57	7.87

	DESIGNS PROVIDED ANNUAL INSULATION
	DESIGNS PROVIDED WAXLIN
	DESIGNS PROVIDED CORK
	DESIGNS PROVIDED 500
	DESIGNS PROVIDED FLOW LUT LAMINATION
	DESIGNS PROVIDED 102 OF 500 LAMINATION
	DESIGNS PROVIDED 102 OF 500 LAMINATION
	DESIGNS PROVIDED LAMINATION
	DESIGNS PROVIDED LAMINATION
	DESIGNS PROVIDED LAMINATION
	DESIGNS PROVIDED ANNUAL INSULATION
	DESIGNS PROVIDED ANNUAL INSULATION
	DESIGNS PROVIDED ANNUAL INSULATION

PROJECT AREA SUMMARY			
PROJECT AREA	AREA	%	
VALUATION STUDY EXISTING AREA	5706 SF	0.3110 AC	75.25%
OFF-STREET AREA	1821 SF	0.0416 AC	24.75%
TOTAL PROJECT AREA	7526 SF	0.1726 AC	100.00%
WATERLOO AREAS			
WALLS STORM ROOF	1700 SF	0.0390 AC	22.85%
GOOD CURB/PAVEMENT SLAB	400 SF	0.0094 AC	10.88%
PROPOSED CURB/PAVEMENT	1539 SF	0.0357 AC	17.25%
EXISTING ASPHALT PAVEMENT	1322 SF	0.0303 AC	15.30%
DESIGN ASPHALT PAVEMENT	1211 SF	0.1196 AC	69.25%
TOTAL IMPROVEMENTS AREA			
PERMITS AREAS			
RETENTION AREA VOL. 1	346 SF	0.0079 AC	4.65%
RETENTION AREA VOL. 2	431 SF	0.0099 AC	5.75%
CLASS AREA	1944 SF	0.0554 AC	70.55%
TOTAL PERMITS AREA	2721 SF	0.0532 AC	30.85%



PROJECT AREA SUMMARY			
PROJECT AREA	AREA		%
WOLFE STATE ELEVATION AREA	5281.57	0.1310	4.25
GR-271 AREA	100416.16	0.0416	24.25
TOTAL PROJECT AREA	7269.57	0.1726	100.00
INTERIORS AREAS	1701.87	0.0340	22.82
WOOD STAINIA ROOF	1000.50	0.0075	10.45
WOOD CORNER/RESERVING SLAB	800.37	0.0077	10.45
PERGOLA AREA	1317.57	0.0315	18.25
EXPAND EXISTING PERGOLA	1217.57	0.0315	18.25
TOTAL INTERIORS AREA	4237.31	0.1166	69.53
PERGOLA AREAS	345.57	0.0077	4.05
REVISION NO. 1	451.57	0.0099	6.75
REVISION AREA NO. 2	1551.57	0.0332	4.05
TOTAL PERGOLA AREA	2348.71	0.0537	31.15

RETENTION TIME (MIN)	TEMP. (°C)	INLET FLOW (L/MIN)	INLET PRESS. (PSI)	INLET TEMP. (°C)	INLET FLOW (L/MIN)	INLET PRESS. (PSI)	INLET TEMP. (°C)
1	45	0.50	0.5	2.5	0.50	0.5	0.5
2	45	0.50	0.5	2.5	0.50	0.5	0.5

ALL ELEVATIONS SHOWN
REFERENCE N.G.V.D. 1929

CLIENTS PROJECT: 4300-0492	EDDABRAH, VILLAGE DETAILS 5300 Western Highway EDDABRAH, VIC 3013
ENGINEERS PROJECT:	
CAD REFERENCE:	P&ID: 305-PA-0000-000000 Plan: 230-04-04-05 section: 04-05
	WASTE/SEWER MASTER PLAN IMPLEMENTATION PROGRAM RAILBAY PLANTATION ACT - 2
	VACUUM SEWER COLLECTION SYSTEM VACUUM STATION DRAINAGE PLAN V/ DFT-SITE ELEVATIONS
	DATE: 11/01/2017 SHEET: 5 OF 8 CP-5

WEC BE WITH PROGRESS
 2000 VICTORIA BOULEVARD
 SUITE 7-8
 PORT CHARLOTTE, FLORIDA 33686
 (813) 766-6447
 FAX (813) 766-6447
 WWW.WECFL.COM

JUN-27 2011
 Edward R. Conlan

NO.	DATE	DESCRIPTION	BY
1	6/16/06	ISSUED FOR PERMIT	ARCE
2	6/16/06	ISSUED FOR PERMIT	ARCE
3	6/16/06	ISSUED FOR PERMIT	ARCE
4	6/16/06	ISSUED FOR PERMIT	ARCE
5	6/16/06	ISSUED FOR PERMIT	ARCE
6	6/16/06	ISSUED FOR PERMIT	ARCE
7	6/16/06	ISSUED FOR PERMIT	ARCE
8	6/16/06	ISSUED FOR PERMIT	ARCE
9	6/16/06	ISSUED FOR PERMIT	ARCE
10	6/16/06	ISSUED FOR PERMIT	ARCE

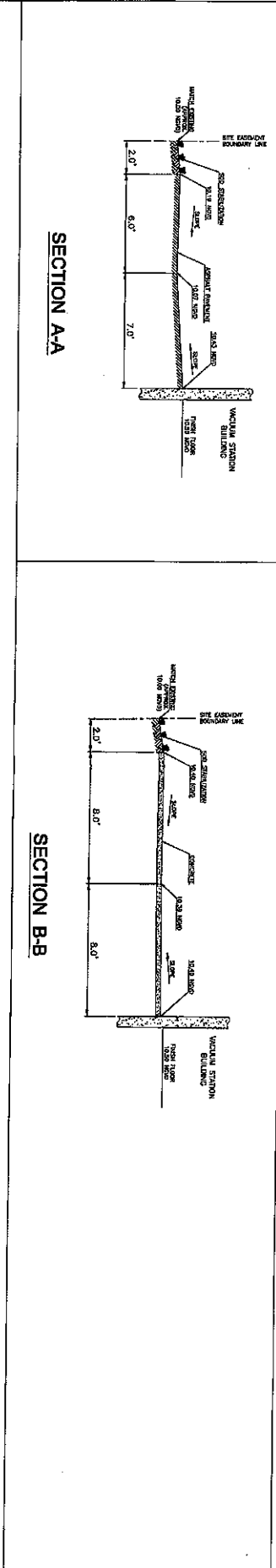
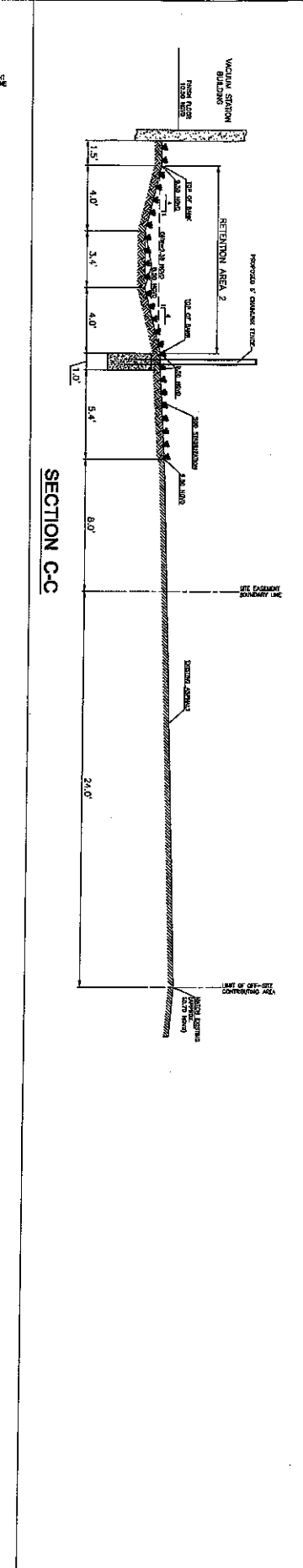
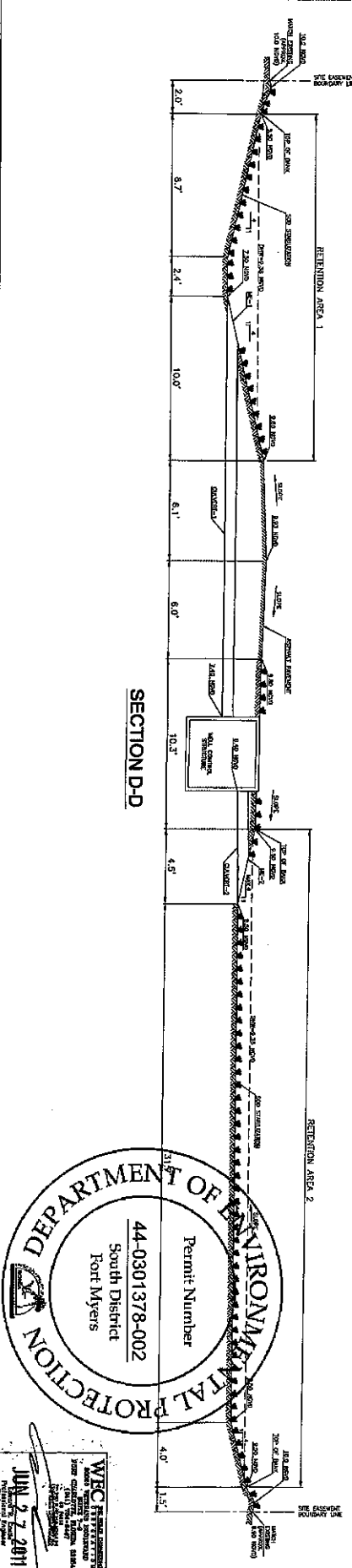
WADE TRIM
 300 SOUTH 10TH AVENUE, SUITE 100
 DENVER, CO 80202
 PHONE: 303.440.4400
 FAX: 303.440.4401
 WWW.WADETRIM.COM

SCALE	1"=20'
CLIENT PROJECT	44-0301378-002
ENGINEER PROJECT	44-0301378-002
CAD REFERENCE	44-0301378-002

SEALING AND SIGNATURE
 WADE TRIM
 300 SOUTH 10TH AVENUE, SUITE 100
 DENVER, CO 80202
 PHONE: 303.440.4400
 FAX: 303.440.4401
 WWW.WADETRIM.COM

WASTEWATER MASTER PLAN IMPLEMENTATION PROGRAM	WASTE SEWER COLLECTION SYSTEM
WASTE SEWER COLLECTION SYSTEM	VACUUM STATION
VACUUM STATION	IMPERIAL SECTIONS

NO.	DATE	DESCRIPTION	BY
1	6/16/06	ISSUED FOR PERMIT	ARCE
2	6/16/06	ISSUED FOR PERMIT	ARCE
3	6/16/06	ISSUED FOR PERMIT	ARCE
4	6/16/06	ISSUED FOR PERMIT	ARCE
5	6/16/06	ISSUED FOR PERMIT	ARCE
6	6/16/06	ISSUED FOR PERMIT	ARCE
7	6/16/06	ISSUED FOR PERMIT	ARCE
8	6/16/06	ISSUED FOR PERMIT	ARCE
9	6/16/06	ISSUED FOR PERMIT	ARCE
10	6/16/06	ISSUED FOR PERMIT	ARCE



DEPARTMENT OF ENVIRONMENTAL PROTECTION
 Permit Number
 44-0301378-002
 South District
 Fort Myers

WFO
 300 SOUTH 10TH AVENUE, SUITE 100
 DENVER, CO 80202
 PHONE: 303.440.4400
 FAX: 303.440.4401
 WWW.WFO.COM

Middle Plantation Key Vacuum Station Site

STORMWATER MANAGEMENT SYSTEM ANNUAL AND DAILY INSPECTION AND MAINTENANCE PLAN

The stormwater management system will be inspected on two levels. First, during the dry season (November through May), an annual inspection and any necessary maintenance will be performed. Second, during the wet season (June through October), daily inspection and any necessary maintenance will be performed.

Annual Inspection and Maintenance Plan

The following steps will be taken in January of each year:

1. Remove manhole covers and clean debris around rims and vertical weirs of well control structure. Clear dirt and debris* from inside the control structure in first chamber and around base of well.
2. If well structure is full of water, use an oil-water separator pad to remove oil and dispose of properly.*
3. Cover and seal the 8 inch well casing.
4. Pressure clean inner walls, oil-retainer baffle, control weir, and well casing to remove oil and dirt.
5. Remove well casing cover.
6. Replace manhole covers ensuring proper placement.

Daily Inspection and Maintenance Plan

The following steps will be taken weekly during the wet season (June through October) AND on days following rain during dry and wet seasons.

1. Check for dirt and debris* around control structure and vertical weirs; clear as necessary.
2. Inside well control structure: Remove manhole covers and clear debris and dirt* from bottom of the structure when the level rises to 1 foot below the oil retainer baffle.
3. If high amount of oil has entered the system, use oil-water separator pad to remove oil and dispose of properly*. If this problem occurs, report the situation to Islamorada, Village of Islands. Necessary steps must be taken to identify the source of the oil and a documented plan to take control or eliminate the oil leakage source is required.
4. Replace manhole covers insuring proper placement.

* All dirt and debris removed from the well control structure and the oil-water separator pad will be disposed of by placing in dumpster and taken to a Class 1 landfill.

The first year that this system is in use will serve as a trial period for these inspection and maintenance guidelines. Following this period, these guidelines will be reviewed and revised if necessary. Any proposed revision to these guidelines will be submitted, with history and justification for the revision, to the Florida Department of Environment Protection for approval.

RECEIVED

JUN 28 2011

D.E.P. Marathon

ENVIRONMENTAL RESOURCE PERMIT Construction Commencement Notice

Project:

Phase:

I hereby notify the Department of Environmental Protection that the construction of the surface water management system authorized by Environmental Resource Permit Number _____ has commenced / is expected to commence on _____ and will require a duration of approximately _____ months _____ weeks _____ days to complete. It is understood that should the construction term extend beyond one year, I am obligated to submit the Annual Status Report for surface Water Management System Construction.

PLEASE NOTE: If the actual construction commencement date is not known, Department staff should be so notified in writing in order to satisfy permit conditions.

Permittee or Authorized Agent

Title and Company

Date

Phone

Address

Environmental Resource Permit Annual Status Report

Florida Department of Environmental Protection

--

PERMIT NUMBER:

COUNTY:

PROJECT NAME:

PHASE:

The following activity has occurred at the above referenced poroject during the past year, between June 1, and May 30,

<u>Permit Condition/Activity</u>	<u>% of Completion</u>	<u>Date of Anticipated Completion</u>	<u>Date of Completion</u>

(Use Additional Sheets As Necessary)

Benchmark Description (one per major control structure):

Print Name

Phone

Permittee's or Authorized Agent's Signature

Title and Company

Date

This form shall be submitted to the above referenced Department Office during June of each year for activities whose duration of construction exceeds one year.

**ENVIRONMENTAL RESOURCE PERMIT
AS-BUILT CERTIFICATION BY A REGISTERED PROFESSIONAL**

Permit Number:

Project Name:

I hereby certify that all components of this surface water management system have been built substantially in accordance with the approved plans and specifications and are ready for inspection. Any substantial deviations (noted below) from the approved plans and specifications will not prevent the system from functioning as designed when properly maintained and operated. These determinations are based upon on-site observation of the system conducted by me or by my designee under my direct supervision and/or my review of as-built plans certified by a registered professional or Land Surveyor licensed in the State of Florida.

Name (please print)

Signature of Professional

Company Name

Florida Registration Number

Company Address

Date

City, State, Zip Code

Telephone Number

(Affix Seal)

Substantial deviations from the approved plans and specifications:

(Note: attach two copies of as-built plans when there are substantial deviations)

Within 30 days of completion of the system, submit two copies of the form to:

ENVIRONMENTAL RESOURCE PERMIT INSPECTION CERTIFICATION

Permit Number:

Project Name:

Inspection Date(s):

Inspection results: (check one)

☐ I hereby certify that I or my designee under my direct supervision have inspected the system at the above referenced project and that the system appears to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable).

☐ The following necessary maintenance was conducted:

☐ I hereby certify that I or my designee under my direct supervision has inspected the system at the above referenced project and that the system does not appear to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable). I have informed the operation and maintenance entity of the following: (a) that the system does not appear to be functioning properly, (b) that maintenance is required to bring the system into compliance, and (c) if maintenance measures are not adequate to bring the system into compliance, the system may have to be replaced or an alternative design constructed subsequent to Department approval.

Name

Signature of Professional Engineer

Company Name

Florida Registration Number

Company Address

Date

City, State, Zip Code

Telephone Number

(affix seal)

Within 30 days of completion of the inspection, submit two copies of the form to the following Department Office:

Department of Environmental Protection

Request for Transfer of Environmental Resource Permit Construction Phase to Operation Phase

(To be completed and submitted by the operating entity)

Florida Department of Environmental Protection

It is requested that Department Permit Number _____ authorizing the construction and operation of a surface water management system for the below mention project be transferred from the construction phase permittee to the operation phase operating entity.

Project:

From: Name:
Address:
City: State: Zip:

To: Name:
Address:
City: State: Zip:

The surface water management facilities are hereby accepted for operation and maintenance in accordance with the engineers certification and as outlined in the restrictive covenants and articles of incorporation for the operating entity. Enclosed is a copy of the document transferring title of the operating entity for the common areas on which the surface water management system is located. Note that if the operating entity has not been previously approved, the applicant should contact the Department staff prior to filing for a permit transfer.

The undersigned hereby agrees that all terms and conditions of the permit and subsequent modifications, if any, have been reviewed, are understood and are hereby accepted. Any proposed modifications shall be applied for and obtained prior to such modification.

Operating Entity:

Name

Title:

Telephone:

Enclosure

- ☐ copy of recorded transfer of title surface water management system
☐ Coy of plat(s)
☐ Copy of recorded restrictive covenants, articles of incorporation, and certificate of incorporation.



**APPLICATION FOR TRANSFER OF ENVIRONMENTAL RESOURCE PERMIT AND NOTIFICATION
OF SALE OF A FACILITY OR SURFACE WATER MANAGEMENT SYSTEM**

Permit No. _____ Date Issued _____ Date Expires _____

FROM (Name of Current Permit Holder): _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: (____) _____

Identification or Name of Facility/Surface Water Management System: _____

Phase of Facility/Surface Water Management System (if applicable): _____

The undersigned hereby notifies the Department of the sale or legal transfer of this facility, or surface-water management system, and further agrees to assign all rights and obligations as permittee to the applicant in the event the Department agrees to the transfer of permit.

Signature of the current permittee: _____

Title (if any): _____ Date: _____

TO (Name of Proposed Permit Transferee): _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: (____) _____

The undersigned hereby notifies the Department of having acquired the title to this facility, or surface-water management system. The undersigned also states he or she has examined the application and documents submitted by the current permittee, the basis of which the permit was issued by the Department, and states they accurately and completely describe the permitted activity or project. The undersigned further attests to being familiar with the permit, agrees to comply with its terms and with its conditions, and agrees to assume the rights and liabilities contained in the permit. The undersigned also agrees to promptly notify the Department of any future changes in ownership of, or responsibility for, the permitted activity or project.

Signature of the applicant (Transferee): _____

Title (if any): _____ Date: _____

Project Engineer Name (if applicable) _____

Mailing Address: _____

Telephone: (____) _____