



MANATEE COUNTY FLORIDA

July 1, 2009

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 09-2248-DS**
North Dock Street, 16" Water Main Replacement, Palmetto FL

ADDENDUM # 1

Bidders are hereby notified that this Addendum shall be acknowledged on pages 00300-1 of the Bid Form and made a part of the above named bidding and contract documents.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The deadline for clarification of questions is July 8, 2009 at 2:00 PM. This deadline has been established to maintain fair treatment of all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

The following answers to the questions have been provided by Mr. Jim Moore, Project Engineer of CH2MHILL and Mr. Paul Schamell, Project Manager, Manatee County Government, Project Management Division.

1. Attachment: CH2MHILL, Letter, dated June 16, 2009, (1) one page.
Subject of Letter: Engineers Estimate for Construction Costs.
2. Attachment: CH2MHILL, Letter dated June 25, 2009, (5) five pages.
Subject of Letter: Responses to Submitted Questions.
3. Attachment: Manatee County, Letter signed Jun 26, 2009, (2) two pages.
Subject of Letter: Responses to Submitted Questions.
4. Attachment: Manatee County Letter dated May 21, 2009, (6) six pages.
Subject of Letter: Permit with specific conditions/General Conditions.

Financial Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-708-7528* FAX: 941-708-7544

www.myanatee.org

5. Attachment: Manatee County Letter dated Jun 26, 2009 (16) sixteen pages.
Subject of Letter: "Summary of Environmental Site Assessment by GLE of TransMontaigne Soil (TLC)".

**Bidders: See attached Revised Bid Forms (Pages 00300-2 thru 0030-9, Bid "A" and Bid "B"). Manatee County to provide 16" Master Meter Assembly (line 35 on Bid Form Not necessary to bid.
The Bid Forms attached to this Addendum #1, Pages 00300-2 through 00300-9, supersede all other Bid Forms issued for this solicitation and must be used in submission of your bid in response to this Invitation for Bid.**

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

END OF ADDENDUM # 1

The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 is until 2:00 PM on July 27, 2009.

Sincerely,



R. C. "Rob" Cuthbert, CPM, CPPO
Purchasing Division Manager

/ds

Attachments:
Revised Bid Forms (8 pages)

Financial Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-708-7528* FAX: 941-708-7544
www.myanatee.org



CH2MHILL

CH2M HILL
Port Manatee Intermodal Center
1905 Intermodal Circle
Suite 330
Palmetto, FL 34221-6608

June 16, 2009

Mr. Paul Schamell
Project Manager, Project Manager Division
Manatee County Public Works Department
1022 26th Avenue East
Bradenton, FL 34208-3926

Subject: Work Assignment No. 3 Port Manatee 16-inch Waterline
Manatee County Project No. 6012570
Engineer's Estimate for Construction Cost

Dear Paul:

Pursuant to the work assignment referenced above, attached for your use is the Estimate for Construction Costs prepared by Erika Smith of the CH2M HILL Estimating Group.

The estimated construction cost for this project based on the approved 100% plans completed for this assignment is \$1,981,241.00. Detail breakdown of the costs is provided in the Basis of Estimate.

If you have any questions or comments, please contact me at your convenience.

Sincerely,
CH2M HILL

James D. Moore
Project Manager



MANATEE COUNTY
FLORIDA

Subject: Summary of Environmental Site Assessment by GLE of Transmontaign Soil (TLC)

1. The TLC is along N.Dock St in the middle of the new 16" waterline (WL)
 - a. TLC is 1200' long
2. Soil contamination exist for approx 450' from location SB-16 to 38 (soil test locations)
 - a. SB-16 starts west of drive entrance to TLC
 - b. Approx 583 cu.yds of contaminated soil (*C soil*) needs to be removed
 - c. Contractor to get costs from KleenSoil for disposal of C soil
 - d. Contractor to replace *C soil* with clean soil (processed C soil from KleenSoil cannot be used)
 - e. There is a safety plan for working within *C soil* area & GLE will support construction with OSHA trained personnel
3. The water table is between 5-6' bls
 - a. Wells TM-1 (SB -20) and TM-2 (SB-32) have free product with TM-2 having the most
 - b. Well TM-3 (SB-42) had NO free product
 - c. GLE will handle NPDES permit for discharge of bad water IF needed during dewatering for installation of 16" WL
 - d. The WL was moved to 3' depth from the std 5' at TLC and with construction planned during dry season the need for dewatering in TLC area is minimized/reduced
 - e. There are 2 connections needed at approx location of TM-3 that may require dewatering
4. The J&B at N.Dock St and Eastern Ave (13' depth) will encounter *C Soil* and free product
 - a. An additional 150 cu.yds of B soil may be needed to be processed thru KleenSoil
 - b. Dewatering will be required at J&B location
 - c. The top of surficial aquifer is at approx 5'
 - d. Petroleum contamination (benzene, ethyl benzene, naphthalene) exists in water samples taken at well TM-4
 - e. GLE will handle NPEDES permit for dewatering disposal at this location

Summary by P.Schamell, Public Works Dept.

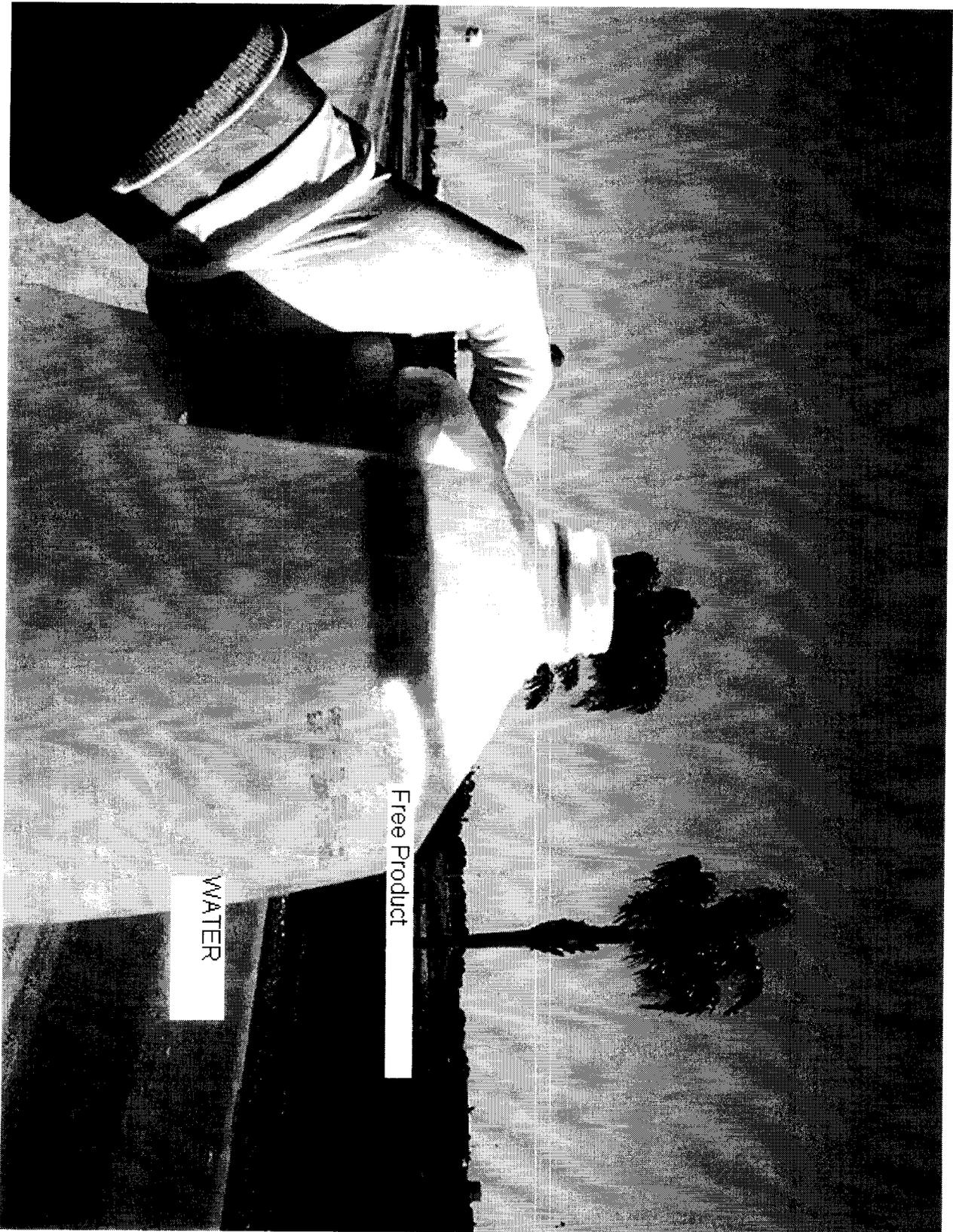
P. Schamell 6/26

Public Works Department / Project Management Division

Mailing Address: P.O. BOX 1000, Bradenton, FL 34206-1000 * Street Address: 1022 26th Avenue East, Bradenton, FL 34208

PHONE: 941.708.7450 * FAX: 941.708.7549

www.mymanatee.org



Free Product

WATER

CH2M HILL

Port Manatee Intermodal Center

1905 Intermodal Circle

Suite 330

Palmetto, FL 34221-6608



June 25, 2009

Mr. Paul Schamell
Project Manager, Project Manager Division
Manatee County Public Works Department
1022 26th Avenue East
Bradenton, FL 34208-3926

Subject: Work Assignment No. 3 Port Manatee 16-inch Waterline
Manatee County Project No. 6012570, IFB 09-2248
Engineer's response to contractor pre-bid questions

Dear Paul:

Provide herewith are responses to the contractor questions we have received beginning on June 16, 2009 through today. They are presented in the same order as received. Please contact me if you require any additional information or clarification on these responses.

Sincerely,
CH2M HILL

A handwritten signature in cursive script that reads "James D. Moore".

James D. Moore
Project Manager

***North Dock St. 16” Water Main Replacement
Pre Bid Questions
Manatee County IFB 09-2248
Engineer’s Response:***

- Bid item #51: Impacted Soils Removal/Replacement: The unit is in SY. Should this be CY? Please clarify. On page 38 of the Measurement and Payment section for this bid item it states that payment will be made at the applicable contract unit price per cubic yard.

Engineer Response: Bid Item #51 unit of measurement is cubic yards (CY).

- Environmental Site Assessment; Section 4.0; Conclusions; on page 14, bottom paragraph it states “In the event that de-watering activities are required for the “Jack and Bore” activities, a mobile groundwater treatment system would be required to manage the free-product and petroleum-impacted groundwater.” Please clarify the term free-product. Also in this paragraph it mentions that Mobile Treatment Services and Clark Environmental have submitted proposals for there proposed services. Are these the firms to be used for the ground-water treatment systems and disposal of free-product and sludge? Please clarify.

Engineer Response: The report referenced was prepared for Manatee County by another consultant under a separate work authorization. We therefore defer this query to Manatee County.

Section 5.0 Recommendations; makes mention of excavating the material between SB-16 and SB-46 (450 feet) 583 CY and transporting to KleenSoil, for thermal treatment. Will the contractor be able to excavate, load & transport this material? Please clarify.

Engineer Response: The report referenced was prepared for Manatee County by another consultant under a separate work authorization. We therefore defer this query to Manatee County. We recommend, however, that the Contractor be advised that they will be able to perform this work consistent with the handling procedures identified in the HASP.

- Plan Sheet T2 under Water Main Installation and Material Specifications: Note 2 mentions that gaskets 16” in dia. and larger shall be EPDM. The 2009 Manatee County Pubic Works Utility Standards; Section 3; Sub-section 3.02; Letter D states that Rubber gaskets shall conform to AWWA C111 for mechanical and push-on type joints shall be EPDM rubber for potable and reclaim water pipelines. Are all gaskets to be EPDM or just 16” and larger to be EPDM? Please clarify.

Engineer Response: All rubber gaskets shall conform to AWWA C111 for mechanical and push-on type joints and shall be EPDM rubber except from Station 16+00 to 23+50 where the pipe gasket material shall be Viton ® (fluroelastomer FKM) as indicated on note 14 under Water Main Installation and Material Specifications Plan Sheet T2.

- Plan Sheet T2 under Water Main Installation and Material Specifications: Note 11 mentions that all water line construction shall conform to the requirements of Manatee County Utilities dated March, 1999 or latest edition. The latest edition is dated March, 2009. Is this what will be used? Please clarify.

Engineer Response: Manatee County Utility Standards dated March 2009 shall be used. The standard details depicted in the plan drawings are based on the 2007 preliminary revised standards provided by Manatee County to prepare the project design and are substantially consistent with the March 2009 edition.

- Will Railroad Protective Liability insurance be required? If it will be required please provide the following information that will be needed to procure the insurance. Railroad Company, nearest mile post marker, nearest town, number of trains per day, status of trains and speed of the trains.

Engineer Response: The Manatee County Port Authority provides the following response:

The Manatee County Port Authority will require railroad protective liability insurance at the same limits that CSX would require for similar work under CSX railroad. The railroad company would be Port Manatee. While the subject location is not on the CSX railroad, the nearest CSX mile post marker is 906. The nearest town is Palmetto. The Port averages about seven trains per day during a 12-hour period at the subject location. The trains are industrial freight trains, no hazardous material. The speed is 10 mph. The Port will coordinate with the Contractor when trains are to traverse work areas to keep proper safety clearances during transits.

Railroad Protective Liability

Prior to the commencement of work governed by this contract, the Contractor shall obtain Railroad Protective Liability Insurance with Port Manatee being named as the Insured. Coverage shall be maintained throughout the life of the contract and consistent with the terms and conditions of the latest form (CG 00 35) published by the Insurance Services Organization (ISO).

The minimum limits acceptable shall be:

\$5 Million per Occurrence and \$10 Million Annual Aggregate.

- Plan sheet C11 shows typical of the Cathodic Protection required. Is the only location requiring the Cathodic Protection between stations 15+49 to 17+57?

Engineer Response: Yes

Sheet C11; note #6 states to provide test stations as shown in accordance with detail 2642-822. Where is the actual location or locations of the test station?

Engineer Response: There are four (4) test stations to be installed. The positions are to be field located in close proximity to the 16-inch DIP and casing pipe in non-paved ground surface between the identified station limits.

- Are there specifications for the testing of the Cathodic Protection system? Who is responsible for the testing and certification of the Cathodic Protection system?

Engineer Response: The Contractor shall retain a Cathodic Protection Specialist to oversee the installation and testing of the cathodic protection system. After installation of cathodic protection system is complete, the Specialist shall connect anodes to pipe and the test stations, and make sufficient tests throughout network of protected pipe to ensure proper installation of cathodic protection system. Upon completion of such tests, the Specialist shall tabulate and report the data recorded to the Engineer.

- Section 02618 Pipeline Cleaning; Sub-section 1.01; Letter A; states that the cleaning of all new lines 4" and larger will be required. Will pigging all of the various sized pipelines above 4" be required for this project? Some of the branches off of the 16" main are substantially short. Please clarify on what mains will require pigging. In this same section 02618; Sub-section 2.02 Materials; Letter A; states that the pig launching and retrieval equipment shall be of the latest design and construction and shall include the means to maintain constant monitoring of the in-line flows and pressures of the system being cleaned and the constant location of the cleaning pigs in the system. Launching and retrieval systems shall be fabricated, designed and manufactured according to ANSI standards and capable of withstanding working pressures of 150 psi. Launching and receiving devices shall be one size diameter larger than the system to which it will be attached with a minimum length of 2.5 times the diameter. Letter B; States that the contractor shall have available for immediate use an electronic pig detector. With this being said and if all diameters of pipe 4" and larger are to be pigged. In what bid item should the cost of the materials, labor and incidentals be associated with?

Engineer Response: Pigging is required for all new lines larger than 4 inches. Section 01150 MEASUREMENT AND PAYMENT under BID ITEM – DUCTILE IRON WATER MAINS states the unit price payment shall include disinfection of the lines. This includes pigging to clean the lines installed for this project. Pigging costs (labor, materials, and incidentals) should therefore be incorporated into the unit price for each water main diameter indicated in Items 4 through 8 on the Bid Form.

- Bid item #41 Seeding and Sodding; 3,364 SY: The plans do not differentiate between sod or seed and where it is to be placed. Can this be broke up into separate bid items with a SY quantity for both?

Engineer Response: All of the estimated 3,364 SY of trench or otherwise disturbed non-paved surface areas will require sodding. All references to seeding in Specification 02485 SEEDING AND SODDING shall be disregarded for bidding purposes.

- Plan sheet T2; Construction Sequence; In Phase 1, it states to disinfect all existing services that are connected to the existing 14" water main in accordance with the Manatee County Public Works Utility Standards. I could not find anything in the MCPWUS that references disinfecting existing services. I don't understand what is trying to be done in this phase by disinfecting an existing water main that is in service. Can there be clarification on what is actually trying to be accomplished in this phase?

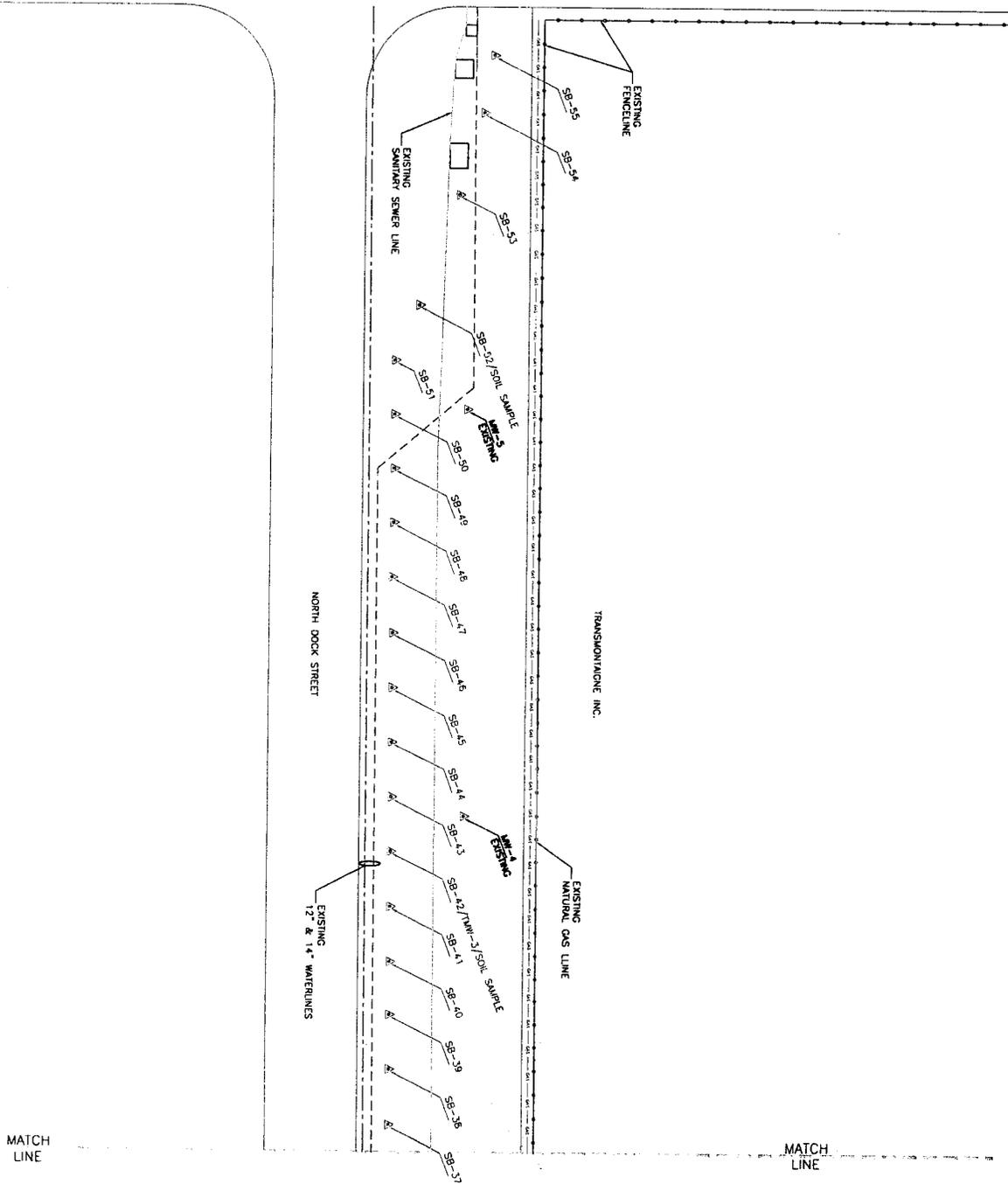
Engineer Response: The existing services on the 14" water main furnish water only to fire protection assemblies. To insure moving these connections to the existing 12" potable water main does not result in contamination the disinfection is required.

- Once disinfecting of the new mains are complete and when final flushing is performed, will de-chlorination of the water being flushed be required?

Engineer Response: Refer to AWWA C615 Part 4.5.2 *Disposing of heavily chlorinated water* as referenced by Specification 02616 DISINFECTING POTABLE WATER LINES which states:
“The environment to which the chlorinated water is to be discharged shall be inspected. If there is any possibility that the chlorinated discharge will cause damage to the environment, a neutralizing chemical shall be applied to the water to be wasted to thoroughly neutralize the residual chlorine (see Appendix C for neutralizing chemicals). Where necessary, federal, state, local, or provincial regulatory agencies should be contacted to determine special provisions for the disposal of heavily chlorinated water.”

The Florida Department of Environmental Protection considers heavily chlorinated water an industrial waste water and would require a specific permit to dispose of the water if not neutralized. Accordingly, the contractor will be required to neutralize the heavily chlorinated flush water.

EASTERN AVENUE



MATCH LINE

MATCH LINE

- LEGEND
- ☒ SOIL SAMPLE LOCATION
 - ▲ SOIL BORING LOCATION
 - ▲ EXISTING MONITORING WELL LOCATION
 - EXISTING 12" AND 14" WATERLINES
 - EXISTING NATURAL GAS LINE
 - EXISTING SANITARY SEWER LINE



SITE & AREA LAYOUT

PORT MANATEE
 WATERLINE INSTALLATION
 NORTH DOCK STREET
 PALMETTO, FLORIDA

Prepared for:
 MANATEE COUNTY PUBLIC WORKS DEPT.
 BRADENTON, FLORIDA

Prepared By: GLE ASSOCIATES, INC.
 3109 MARTIN LUTHER KING BLVD. STE 550
 TAMPA, FLORIDA 33607 (813) 241-8350



REVISIONS

1

NO. 1	DATE	BY	APP'D.
1	02/07/07	...	...
2	02/07/07	...	...
3	02/07/07	...	...
4	02/07/07	...	...
5	02/07/07	...	...
6	02/07/07	...	...
7	02/07/07	...	...
8	02/07/07	...	...
9	02/07/07	...	...
10	02/07/07	...	...

BID FORM
SECTION 00300
 (Submit in Triplicate)
IFB# 09-2248-DS

(Page 1 of 4)

(ADDENDUM # 1)

(Bid "A" - Based on Completion Time of 180 Calendar Days)

PROJECT NAME: North Dock Street, 16" Water Main Replacement, Palmetto Florida
PROJECT NUMBER : 6012570

ITEM NO.	DESCRIPTION	UNITS	QTY.	UNIT PRICE (\$)	EXTENDED PRICE (\$)
1	MOBILIZATION	LS	1	\$	\$
2	MISCELLANEOUS WORK AND CLEAN-UP	LS	1	\$	\$
3	3" DUCTILE IRON PIPE WATER MAIN	LF	95	\$	\$
4	6" DUCTILE IRON PIPE WATER MAIN	LF	223	\$	\$
5	8" DUCTILE IRON PIPE WATER MAIN	LF	605	\$	\$
6	10" DUCTILE IRON PIPE WATER MAIN	LF	479	\$	\$
7	12" DUCTILE IRON PIPE WATER MAIN	LF	105	\$	\$
8	16" DUCTILE IRON PIPE WATER MAIN	LF	5146	\$	\$
8a	16" DIP Supplied by Manatee County	LF	220		
9	DUCTILE IRON FITTINGS, WATER	TON	12.5	\$	\$
10	4" JOINT RESTRAINTS	EA	2	\$	\$
11	6" JOINT RESTRAINTS	EA	36	\$	\$
12	8" JOINT RESTRAINTS	EA	55	\$	\$
13	10" JOINT RESTRAINTS	EA	87	\$	\$
14	12" JOINT RESTRAINTS	EA	45	\$	\$
15	16" JOINT RESTRAINTS)	EA	171	\$	\$

Addendum # 1

BIDDER _____

DATE _____

BID FORM
SECTION 00300
 (Submit in Triplicate)
IFB# 09-2248-DS

(Page 2 of 4)

(ADDENDUM # 1)

(Bid "A"- Based on Completion Time of 180 Calendar Days)

PROJECT NAME: North Dock Street , 16" Water Main Replacement, Palmetto Florida
PROJECT NUMBER : 6012570

ITEM NO.	DESCRIPTION	UNITS	QTY.	UNIT PRICE (\$)	EXTENDED PRICE (\$)
16	THRUST BLOCKS	CY	7	\$	\$
17	16" JACK AND BORE CROSSING @ 7' DEPTH	LF	46	\$	\$
18	24" JACK AND BORE CROSSING @ 8' DEPTH	LF	30	\$	\$
19	24" JACK AND BORE CROSSING @ 12' DEPTH	LF	30	\$	\$
20	30" JACK AND BORE CROSSING @ 10' DEPTH	LF	32	\$	\$
21	30" JACK AND BORE CROSSING @ 11' DEPTH	LF	102	\$	\$
22	30" JACK AND BORE CROSSING @ 11' DEPTH	LF	130	\$	\$
23	30" JACK AND BORE CROSSING @ 13' DEPTH	LF	100	\$	\$
24	12" X 10" TAPPING SLEEVE/VALVE	EA	3	\$	\$
25	12" X 6" TAPPING SLEEVE/VALVE	EA	3	\$	\$
26	2" GATE VALVE	EA	1	\$	\$
27	6" GATE VALVE	EA	7	\$	\$
28	8" GATE VALVE	EA	4	\$	\$
29	10" GATE VALVE	EA	5	\$	\$
30	12" GATE VALVE	EA	3	\$	\$
31	16" BUTTERFLY VALVE	EA	11	\$	\$

Addendum # 1

BIDDER _____

DATE _____

**BID FORM
SECTION 00300
(Submit in Triplicate)
IFB# 09-2248-DS
(Page 3 of 4)
(ADDENDUM #1)**

(Bid "A" - Based on Completion Time of 180 Calendar Days)

PROJECT NAME:		<u>North Dock Street , 16" Water Main Replacement, Palmetto Florida</u>			
PROJECT NUMBER :		6012570			
ITEM NO.	DESCRIPTION	UNITS	QTY.	UNIT PRICE (\$)	EXTENDED PRICE (\$)
32	HYDRANT ASSEMBLY	EA	3	\$	\$
33	HYDRANT BLOW-OFF ASSEMBLY	EA	1	\$	\$
34	10" FIRE LINE BACK-FLOW PREVENTER	EA	2	\$	\$
35	16" MASTER METER ASSEMBLY WITH PVR (Supplied by Manatee County) (ADDENDUM # 1)	EA	1		
36	ABOVE GROUND AIR RELEASE ASSEMBLY	EA	5	\$	\$
37	BELOW GRADE AIR RELEASE ASSEMBLY	EA	1	\$	\$
38	WATER SERVICE	EA	2	\$	\$
39	WATER SERVICES/METER RECONNECTIONS	EA	2	\$	\$
40	HYDRANT RELOCATION	EA	1	\$	\$
41	SODDING (ASSUMING 6' WIDE TRENCH) (ADDENDUM # 1)	SY	3364	\$	\$
42	PAVEMENT REPAIR AND ROAD RESTORATION (ASSUMING 6' WIDE TRENCH)	SY	1137	\$	\$

Addendum # 1

BIDDER _____

DATE _____

BID FORM
SECTION 00300
 (Submit in Triplicate)
IFB# 09-2248-DS
 (Page 4 of 4)
 (ADDENDUM # 1)

(Bid "A" – Based on Completion Time of 180 Calendar Days)

PROJECT NAME: North Dock Street , 16" Water Main Replacement, Palmetto Florida
PROJECT NUMBER : 6012570

ITEM NO.	DESCRIPTION	UNITS	QTY.	UNIT PRICE (\$)	EXTENDED PRICE (\$)
43	MISCELLANEOUS CONCRETE	CY	4	\$	\$
44	CONCRETE CURB	LF	10	\$	\$
45	DRIVEWAY RESTORATION (ASSUMING 6' WIDE TRENCH)	SY	113	\$	\$
46	IN-PLACE GROUTING OF EXISTING 6" PIPE	LF	2298	\$	\$
47	IN-PLACE GROUTING OF EXISTING 8" PIPE	LF	1024	\$	\$
48	IN-PLACE GROUTING OF EXISTING 10" PIPE	LF	64	\$	\$
49	IN-PLACE GROUTING OF EXISTING 12" PIPE	LF	6846	\$	\$
50	IN-PLACE GROUTING OF EXISTING 14" PIPE	LF	3584	\$	\$
51	IMPACTED SOILS REMOVAL/REPLACEMENT (ADDENDUM # 1)	CY	673	\$	\$
52	GROUND WATER TREATMENT/DEWATERING	LS	1	\$	\$
53	DISCRETIONARY	LS	1		\$200,000.00
	<u>TOTAL BID PRICE</u>				\$

Addendum # 1

BIDDER _____ DATE _____

BID FORM
SECTION 00300
 (Submit in Triplicate)
IFB# 09-2248-DS

(Page 1 of 4)

(ADDENDUM # 1)

(Bid "B" - Based on Completion Time of 240 Calendar Days)

PROJECT NAME: North Dock Street ,16" Water Main Replacement, Palmetto Florida
PROJECT NUMBER : 6012570

ITEM NO.	DESCRIPTION	UNITS	QTY.	UNIT PRICE (\$)	EXTENDED PRICE (\$)
1	MOBILIZATION	LS	1	\$	\$
2	MISCELLANEOUS WORK AND CLEAN-UP	LS	1	\$	\$
3	3" DUCTILE IRON PIPE WATER MAIN	LF	95	\$	\$
4	6" DUCTILE IRON PIPE WATER MAIN	LF	223	\$	\$
5	8" DUCTILE IRON PIPE WATER MAIN	LF	605	\$	\$
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11	6" JOINT RESTRAINTS	EA	36	\$	\$
12	8" JOINT RESTRAINTS	EA	55	\$	\$
13	10" JOINT RESTRAINTS	EA	87	\$	\$
14	12" JOINT RESTRAINTS	EA	45	\$	\$
15	16" JOINT RESTRAINTS	EA	171	\$	\$

Addendum # 1

BIDDER: _____ DATE _____

**BID FORM
SECTION 00300
(Submit in Triplicate)
IFB# 09-2248-DS**

(Page 2 of 4)

(ADDENDUM # 1)

(Bid "B"- Based on Completion Time of 240 Calendar Days)

PROJECT NAME: <u>North Dock Street ,16" Water Main Replacement, Palmetto Florida</u>					
PROJECT NUMBER : 6012570					
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27	6" GATE VALVE	EA	7	\$	\$
28	8" GATE VALVE	EA	4	\$	\$
29	10" GATE VALVE	EA	5	\$	\$
30	12" GATE VALVE	EA	3	\$	\$
31	16" BUTTERFLY VALVE	EA	11	\$	\$

Addendum # 1

BIDDER _____ DATE _____

**BID FORM
SECTION 00300
(Submit in Triplicate)
IFB# 09-2248-DS**

(Page 3 of 4)

(ADDENDUM # 1)

(Bid "B" - Based on Completion Time of 240 Calendar Days)

PROJECT NAME:		<u>North Dock Street ,16" Water Main Replacement, Palmetto Florida</u>			
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Addendum # 1

BIDDER _____ DATE _____

**BID FORM
SECTION 00300
(Submit in Triplicate)
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(Page 4 of 4)

(ADDENDUM # 1)

(Bid "B" – Based on Completion Time of 240 Calendar Days)

PROJECT NAME: North Dock Street ,16" Water Main Replacement, Palmetto
Florida

PROJECT NUMBER : 6012570

ITEM NO.	DESCRIPTION	UNITS	QTY.	UNIT PRICE (\$)	EXTENDED PRICE (\$)
43	MISCELLANEOUS CONCRETE	CY	4	\$	\$
44	CONCRETE CURB	LF	10	\$	\$
45	DRIVEWAY RESTORATION (ASSUMING 6' WIDE TRENCH)	SY	113	\$	\$
46	IN-PLACE GROUTING OF EXISTING 6" PIPE	LF	2298	\$	\$
47	IN-PLACE GROUTING OF EXISTING 8" PIPE	LF	1024	\$	\$
48	IN-PLACE GROUTING OF EXISTING 10" PIPE	LF	64	\$	\$
49	IN-PLACE GROUTING OF EXISTING 12" PIPE	LF	6846	\$	\$
50	IN-PLACE GROUTING OF EXISTING 14" PIPE	LF	3584	\$	\$
51	IMPACTED SOILS REMOVAL/REPLACEMENT (ADDENDUM # 1)	CY	673	\$	\$
52	GROUND WATER TREATMENT/DEWATERING	LS	1	\$	\$
53	DISCRETIONARY	LS	1		\$200,000.00
	<u>TOTAL BID PRICE</u>				\$

Addendum # 1

BIDDER _____ DATE _____

Table I
Organic Vapor Screening Results
Manatee County 16" Water Line Installation
Port Manatee North Dock Street
Palmetto, Manatee County, Florida
GLE Project No.: 09310-00089

Sample Designation	Sample Collection Depth (ft b/s ¹)	Total Organic Vapor Concentration (unfiltered) (ppm ²)	Vapor Concentration (filtered) (ppm)	Vapor Concentration (ppm)	Comments
SB-1	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	0.0	---	0.0	Moist/No Odor
	6	0.0	---	0.0	Wet/No Odor
SB-2	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Moist/No Odor
	5	0.0	---	0.0	Wet
	6	0.0	---	0.0	Wet/No Odor
SB-3	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Slight Moist/No Odor
	5	0.0	---	0.0	Moist/Wet
	6	0.0	---	0.0	Wet/No Odor
SB-4	1	0.0	---	0.0	Dry/Refusal at 1' b/s
	2	NS	---	NS	---
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-5	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	0.0	---	0.0	Moist/No Odor
	6	0.0	---	0.0	Wet/No Odor
SB-6	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	0.0	---	0.0	Moist/No Odor
	6	0.0	---	0.0	Wet/No Odor
SB-7	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	0.0	---	0.0	Moist/No Odor
	6	0.0	---	0.0	Wet/No Odor
SB-8	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	2.8	---	2.8	Moist/No Odor
	6	0.0	---	0.0	Wet/No Odor
SB-9	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	0.0	---	0.0	Moist/No Odor
	6	0.0	---	0.0	Wet/No Odor
SB-10	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.9	---	0.9	Moist
	5	31.4	20.4	0.0	Moist to Wet/Sulfur Odor
	6	22.8	4.1	18.7	Wet/Sulfur Odor

Table 1
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Port Manatee North Dock Street
Palmetto, Manatee County, Florida
GLE Project No.: 09310-00089

Sample Designation	Sample Collection Depth (ft bis')	Total Organic Vapor Concentration (unfiltered) (ppm ²)	Vapor Concentration (filtered) (ppm)	Vapor Concentration (ppm)	Comments
SB-11	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	0.0	---	0.0	Moist/Wet/No Odor
	6	1.6	---	1.6	Wet/Sulfur Odor
SB-12	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry/Moist
	5	6.5	---	6.5	Moist to Wet/Sulfur Odor
	6	0.0	---	0.0	Wet/Sulfur Odor
SB-13	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	15.9	17.7	0.0	Moist to Wet/Sulfur Odor
	6	4.9	---	4.9	Wet/Sulfur Odor
SB-14	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	14.1	18.3	---	Moist to Wet/Sulfur Odor
	6	0.0	---	0.0	Wet/Sulfur Odor
SB-15	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	0.0	---	0.0	Dry
	5	19.0	65.1	---	Moist to Wet/Sulfur Odor
	6	14.1	19.3	---	Wet/Sulfur Odor
SB0-16	1	0.0	---	0	Dry No Odor
	2	0.0	---	0	Dry
	3	0.0	---	3.1	Dry
	4	0.0	---	0	Dry
	5	417.2	41.8	375.4	Moist/Sulfur/Petroleum Odor
	6	50.7	41.9	8.8	Moist Wet/Sulfur/Pet. Odor
	7	207.4	61.1	46.3	Wet/Sulfur/Petroleum Odor
SB-17	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	84.0	0	84.0	Moist/Dry/Strong Pet. Odor
	5	830.4	71.7	785.7	Moist/Wet/Petroleum Odor
	6	775.7	63.4	712.3	Wet/Petroleum Odor
SB-18	1	0.0	---	0.0	Dry/Refusal at 1' bis
	2	NS	---	NS	---
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-19	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	45.7	6.1	39.6	Dry/Refusal at 4.5' bis
	5	NS	---	NS	---
SB-20	1	0	---	0	Dry
	2	3.4	---	0	Dry
	3	32.2	1.8	30.3	Dry
	4	1,451	6.3	1,444.7	Dry/Pet. Odor
	5	2,200	7.1	2,192.9	Dry to Moist/Strong Pet. Odor
Soil Sample TAW-1	6	1,878	11.6	1,866.4	Moist/Wet/Strong Pet. Odor
	7	2,448	244.8	2,003.1	Wet/Petroleum Odor

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Port Manatee North Dock Street
Palmetto, Manatee County, Florida
GLE Project No.: 09310-00089

Sample Designation	Sample Collection Depth (ft bls) ¹	Total Organic Vapor Concentration (unfiltered) (ppm ²)	Vapor Concentration (filtered) (ppm)	Vapor Concentration (ppm)	Comments
SB-21	1	0.0	---	0.0	Dry No Odor
	2	0.0	---	0.0	Dry No Odor
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-22	1	0.0	---	0.0	Dry
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry
	4	65.3	0	65.3	Dry/Slight Pet. Odor
	5	238.2	227.2	11.0	Dry to Moist/Strong Pet. Odor
	6	1,863	264.3	1,598.70	Moist/Wet/Strong Pet. Odor
	7	810.7	1,149	---	Wet/Strong Petroleum Odor
SB-23	1	NS	---	NS	Refusal at Land Surface
	2	NS	---	NS	---
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-24	1	0.0	---	0.0	Dry
	2	0.0	---	0.0	Dry
	3	0.0	---	0.0	Dry to Moist
	4	95.4	13.4	82.0	Moist/Slight Pet. Odor
	5	145.2	62.9	82.3	Moist to Wet/Pet. Odor
	6	66.4	39.3	27.1	Wet/Slight Pet. Odor
SB-25	1	86.5	15.7	70.8	Slight Pet. Odor
	2	2325.0	1005	1320.0	Petroleum odor
	3	NS	---	NS	Refusal at 2.5' bls
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-26	1	228.2	58.9	169.3	Dry
	2	3706.0	1509.0	2197.0	Dry/Pet. Odor
Soil Sample	3	3247.0	846.1	2400.9	Dry/Strong Pet. Odor
	4	NS	---	NS	Refusal at 3' bls
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-27	1	151.4	0	151.4	Dry/Slight Pet. Odor
	2	NS	---	NS	Refusal at 1.5' bls
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-28	1	2100.0	95.4	2004.6	Dry/Pet. Odor
	2	32.9	0	32.9	Dry/Pet. Odor
	3	435.1	166.6	271.3	Dry/Pet. Odor
	4	NS	---	NS	Refusal at 3.5' bls
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-29	1	35.7	0	35.7	Dry/No Odor
	2	22.1	4.5	17.6	Dry/No Odor
	3	435.7	71.3	364.4	Dry/Pet. Odor
	4	NS	---	NS	Refusal at 3' bls
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-30	1	NS	---	NS	Refusal at Land Surface
	2	NS	---	NS	---
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---

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Palmetto, Manatee County, Florida
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Sample Designation	Sample Collection Depth (ft bts ¹)	Total Organic Vapor Concentration (unfiltered) (ppm ²)	Vapor Concentration (filtered) (ppm)	Vapor Concentration (ppm)	Comments
SB-31	1	19.8	2.4	17.4	Dry/No Odor
	2	423.1	137.0	386.1	Dry/Pet. Odor
	3	583.4	409.4	174.0	Dry/Pet. Odor
	4	420.4	93.5	326.9	Dry/Pet. Odor
	5	719.8	590.2	129.6	Moist/Pet. Odor
	6	3026.0	340.9	2685.1	Strong Petroleum odor
	7	2456.0	803.5	1652.5	Wet Strong Pet. Odor
SB-32	1	1528.0	88.0	1440.0	Dry/Pet. Odor
	2	2231.0	152.8	2078.2	Dry/Pet. Odor
	3	3178.0 +	290.3	2667.7	Dry/Pet. Odor
Soil Sample TMW-2	4	3122.0	495.3	2626.7	Dry/Pet. Odor
	5	3693.0 +	833.9	2859.1	Moist to Wet/Pet. Odor
SB-33	6	3600.0 +	292.9	1927.0	Wet/Pet. Odor
	1	28.1	26.4	1.7	Dry/No Odor
	2	396.0	432	---	Dry
	3	621.8	572.3	49.5	Dry/Slight Pet. Odor
	4	368.1	347.3	20.8	Dry/Slight Pet. Odor
	5	326.4	269.9	56.5	Moist/Slight Pet. Odor
SB-34	6	3696 +	360.1	3000 +	Wet/Pet. Odor
	1	216.3	54	162.3	Dry/No Odor
	2	2495.0	406.7	2088.3	Dry/Pet. Odor
	3	3538.0	181.5	3356.5	Dry/Pet. Odor
	4	2402.0	334.4	2067.6	Dry/Pet. Odor
	5	2201.0	929.2	1271.8	Moist/Slight Pet. Odor
SB-35	6	3671 +	201.7	3469.3 +	Wet/Strong Pet. Odor
	1	62.6	0.6	61.8	Dry/No Odor
	2	247.0	151.7	95.3	Dry/Pet. Odor
	3	2275.0	354.9	1920.1	Dry/Pet. Odor
	4	1670.0	399.4	1270.6	Moist/Pet. Odor
	5	1097.0	1020	77.0	Moist to Wet/Pet. Odor
SB-36	6	2618.0	534.7	2083.3	Wet/Strong Pet. Odor
	1	544.3	7.4	536.9	Dry/Pet. Odor
	2	550.0	0.0	550.0	Dry/Pet. Odor
	3	511.1	0.0	511.1	Dry/Pet. Odor
	4	1004.0	554.3	449.7	Moist/Pet. Odor
	5	1318.0	477.7	840.3	Moist to Wet/Pet. Odor
SB-37	6	1900.0	414.6	1485.4	Wet/Strong Pet. Odor
	1	0.0	---	0.0	Dry/Pet. Odor
	2	0.0	---	0.0	Dry/Pet. Odor
	3	827.8	295.9	531.9	Dry/Pet. Odor
	4	1209.0	750.7	458.3	Moist/Pet. Odor
	5	759.4	515.5	243.9	Moist to Wet/Pet. Odor
SB-38	6	2846.0	398.4	2447.6	Wet/Strong Pet. Odor
	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry/No Odor
	3	0.0	---	0.0	Dry/Slight Pet. Odor
	4	72.9	28.8	44.1	Dry to Moist/Pet. Odor
	5	299.7	224.0	75.7	Moist to Wet/Pet. Odor
SB-39	6	3289.0	2034.0	1255.0	Wet/Strong Pet. Odor
	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry/No Odor
	3	0.0	---	0.0	Dry/No Odor
	4	15.5	10.2	5.3	Dry to Moist /No Pet. Odor
	5	120.6	66.0	54.6	Moist to Wet/No Pet. Odor
SB-40	6	581.3	719.7	---	Wet/No Pet. Odor
	1	0.0	---	0.0	Dry/No Odor
	2	0.1	---	0.0	Dry/No Odor
	3	0.0	---	0.0	Dry/No Odor
	4	3.7	---	3.7	Dry to Moist /No Pet. Odor
	5	301.1	54.1	207.1	Moist to Wet/No Pet. Odor
6	2177.0	1188.0	989.0	Wet/No Pet. Odor	

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Port Manatee North Dock Street
Palmetto, Manatee County, Florida
GLE Project No.: 09310-00089

Sample Designation	Sample Collection Depth (ft bis')	Total Organic Vapor Concentration (unfiltered) (ppm ²)	Vapor Concentration (filtered) (ppm)	Vapor Concentration (ppm)	Comments
SB-41	1	0.0	---	0.0	Dry/No Odor
	2	27.5	38.5	---	Dry/No Odor
	3	61.5	85.7	---	Dry/No Odor
	4	28.3	22.9	5.4	Dry to Moist /No Pet. Odor
	5	59.4	42.5	301.1	Moist to Wet/No Pet. Odor
	6	2227.0	1079.0	1148.0	Wet/No Pet. Odor
SB-42	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry/No Odor
	3	73.3	159.7	---	Dry/No Odor
Soil Sample	4	82.9	35.6	47.3	Dry to Moist /No Pet. Odor
TMW-3	5	283.2	102.5	59.4	Moist to Wet/No Pet. Odor
	6	3693.0 +	1734.0	1959.0 +	Wet/No Pet. Odor
SB-43	1	1.1	---	1.1	Dry/No Odor
	2	6.0	---	6.0	Dry/No Odor
	3	41.0	44.1	---	Dry/No Odor
	4	172.9	85.3	87.6	Dry to Moist /No Pet. Odor
	5	299.5	304.1	---	Moist to Wet/No Pet. Odor
	6	1297.0	655.9	641.1	Wet/No Pet. Odor
SB-44	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry/No Odor
	3	0.2	---	0.2	Dry/No Odor
	4	0.7	---	0.7	Dry to Moist /No Pet. Odor
	5	26.4	15.1	9.3	Moist to Wet/No Pet. Odor
	6	201.0	133.3	67.3	Wet/No Pet. Odor
SB-45	1	0.0	---	0.0	Dry
	2	NS	---	NS	Refusal at 2' bis
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-46	1	85.8	3.9	81.9	Dry
	2	137.6	126.4	11.2	Moist/No Odor
	3	273.8	255.7	18.1	Moist/Wet/No Odor
	4	69.0	47.6	21.2	Wet/No Odor
	5	35.5	48.5	---	Very Wet at 5' bis
	6	NS	---	NS	---
SB-47	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Refusal at 2' bis
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
	6	NS	---	NS	---
SB-48	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry/No Odor
	3	0.0	---	0.0	Dry/No Odor
	4	0.8	---	0.8	Dry to Moist /No Pet. Odor
	5	60.7	43.3	17.4	Moist to Wet/No Pet. Odor
	6	1198.0	634.0	364.0	Wet/No Pet. Odor
SB-49	1	0.0	---	0.0	Dry/No Odor
	2	0.0	---	0.0	Dry/No Odor
	3	0.0	---	0.0	Dry/No Odor
	4	0.0	---	0.0	Dry to Moist /No Pet. Odor
	5	0.5	---	0.5	Moist to Wet/No Pet. Odor
	6	57.5	18.3	39.2	Wet/No Pet. Odor
SB-50	1	0	---	0	Dry
	2	0	---	0	Dry
	3	0	---	0	Dry/Refusal at 3' bis
	4	NS	---	NS	Wet
	5	NS	---	NS	Wet

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Sample Designation	Sample Collection Depth (ft bls ¹)	Total Organic Vapor Concentration (unfiltered) (ppm ²)	Vapor Concentration (filtered) (ppm)	Vapor Concentration (ppm)	Comments
SB-51	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry/No Odor
	3	1.4	---	1.4	Dry/No Odor
	4	123.7	74.8	48.9	Moist to Wet/No Odor
	5	NS	---	NS	Refusal at 4' bls
SB-52	1	0.0	---	0.0	Dry / No Odor
	2	0.0	---	0.0	Dry/No Odor
Soil Sample	3	54.8	55.6	---	Dry/No Odor
	4	1.0	---	1.0	Moist/No Odor
	5	NS	7.8	NS	Refusal at 4' bls
SB-53	1	0	---	0	Dry / No Odor
	2	0	---	0	Dry/No Odor
	3	0	---	0	Dry/No Odor
	4	NS	---	NS	Refusal at 3.5' bls
	5	NS	---	NS	---
SB-54	1	0	---	0	Dry
	2	NS	---	NS	Refusal at 1' bls
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---
SB-55	1	NS	---	NS	---
	2	NS	---	NS	---
	3	NS	---	NS	---
	4	NS	---	NS	---
	5	NS	---	NS	---

1 - feet below land surface (bls)
2 - parts per million
3 - NS = No Sample

Table 2
Existing Wells Groundwater Elevation Table
Port Manatee North Dock Street
Palmetto, Florida
GLE Project No.: 09310-00089

WELL NO.	MW-1			MW-2			MW-3			MW-4		
DIAMETER	1-INCH			1-INCH			2-INCH			2-INCH		
WELL DEPTH (FEET)	NM			NM			NM			NM		
SCREEN INTERVAL (FEET)	NM			NM			NM			NM		
TOC ELEVATION	NM			NM			NM			NM		
DATE	SU	DTW	FP	SU	DTW	FP	SU	DTW	FP	SU	DTW	FP
January 21, 2009	2.57	10.23	2.42	2.47	8.16	NM	NM	NM	NM	NM	NM	NM
January 28, 2009	2.57	9.75	1.95	2.47	8.28	NM	2.37	8.40	0.60	3.35	9.82	NM
February 3, 2009	2.57	9.80	2.22	2.47	7.06	NM	2.37	7.14	NM	3.35	7.70	NM

WELL NO.	MW-5			MW4-06								
DIAMETER	2-INCH			2-inch								
WELL DEPTH	10.21			11.75								
SCREEN INTERVAL	NM			NM								
TOC ELEVATION	NM			NM								
DATE	SU	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
January 21, 2009	2.00	7.91	NM									
January 28, 2009	2.00	8.23	NM									
February 3, 2009	2.00	6.70	NM									
March 25, 2009					10.53	1.31						

Notes = SU = for Suck Up Well Measurement to Land Surface, NM = Not Measured
Elevations are in Feet
No Data = Blank

Table 3
Groundwater Analytical Summary
16-inch Water Line Installation Environmental Site Assessment
Port Manatee North Dock Street
Palmetto, Florida
GLE Project No.: 09310-00089

Sample	Sample Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene	TRPH
GCT1		1	40	30	20	20	14	28	28	5000
NA1C		100	400	300	200	200	140	280	280	50000
TMW-1	02/03/2009	8.5	9	92	160	24	220	340	270	NA
TMW-2	02/03/2009	24	27	250	770	<0.5K	NA	NA	NA	NA
TMW-2	01/28/2009	0.99	BDL	0.23	BDL	BDL	BDL	BDL	BDL	NA
TMW-1	03/26/2009	17	BDL	48	27	2.7	35	35	54	NA

1) All sample concentrations are reported in ug/L, unless otherwise indicated

2) BDL = Below Laboratory Detection Limits

3) "Highlighted" concentrations are over No Further Action (NFA) limits.

4) "Total" concentrations are over Natural Attenuation (NA) limits.

5) NA = Not Available or Applicable

6) TMW-1 exhibited limited free-product, TMW-2 free-product noted

APPENDIX E

**KleenSoil Correspondence Documentation
Soil Analytical Data Review and Authorization**

**Manatee County Sanitary Sewer
Groundwater Analytical Data Review and Approval**

**NPDES Permit Concentration Limits
Coastal Waters**

Michael Madonna

From: KLEENSOIL@aol.com
Sent: 2009-02-20 09:58
To: Michael Madonna
Subject: Re: Port Manatee Analytical Data Review

*Note: Additional Analysis (SPLP)
Required by Klean Soil.*

(MW)

Michael,

We have reviewed the analytical data you submitted to us for the Port Manatee project, the only other test we would ask for is SPLP for Chromium all samples. The levels submitted are higher than allowed for total metals.

Thanks

Trevor

In a message dated 2/19/2009 3:16:36 P.M. Eastern Standard Time, mmadonna@gleassociates.com writes:

Trevor,

As per our discussion yesterday, please let me know about your review and comments of the analytical data previously submitted. If additional analysis is required, please include this with your e-mail correspondence. Please reference any concerns associated with the analytical data or if additional soil samples are required for pre-burn analysis. My draft report is due to the representatives of Manatee County tomorrow. I will need to include your review and e-mail correspondence with the draft requested. Thank you,

Michael A. Madonna
Sr. Project Manager
GLE Associates, Inc.
Facilities & Environmental Consultants
3109 W. Dr. MLK Jr. Blvd. / Suite 550
Tampa, Florida 33607
813.241.8350 office / 813.241.8737 fax
888.453.4531 toll free 813.545.6613 cell
Focused on your success.

A Good Credit Score is 700 or Above. See yours in just 2 easy steps!

Michael Madonna

Note: Disposal Authorization Received. 

From: KLEENSOIL@aol.com
Sent: 2009-04-10 09:24
To: Michael Madonna
Subject: Re: SPLP Port Manatee Results

Michael,

After reviewing the analysis provided for Port Manatee location, we would authorize the the disposal at our facility.

Trevor

In a message dated 3/27/2009 1:41:02 P.M. Eastern Daylight Time, mmadonna@gleassociates.com writes:

Trevor,

I have attached the results for the SPLP analysis you requested for the Port Manatee location. Please review and call if you have any questions. Please provide a written response of your review and let us know if soil disposal at your facility would be authorized or denied. Thank you and have a good weekend.

Michael A. Madonna
Sr. Project Manager
GLE Associates, Inc.
Facilities & Environmental Consultants
3109 W. Dr. MLK Jr. Blvd. / Suite 550
Tampa, Florida 33607
813.241.8350 office / 813.241.8737 fax
888.453.4531 toll free 813.545.6613 cell
Focused on your success.

The message is ready to be sent with the following file or link attachments:

090127.07_Port Manatee

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

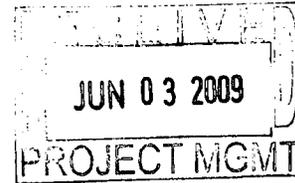
A Good Credit Score is 700 or Above. See yours in just 2 easy steps!



Paul

Charlie Crist
Governor

Ana M. Viamonte Ros, M.D., M.P.H.
State Surgeon General



May 21, 2009

Permit #0133068-905 DS-C

Mr. H. Wayne Roberts, PE/Deputy Director
Manatee County Project Management Department
1022 – 26th Avenue East
Bradenton, FL 34208

Date of Issue: May 21, 2009
Expiration Date: May 21, 2014
County: MANATEE
Sec/Twp/Rge: 1/R17E/T33S and 6/R18E/T33S
Project: North Dock Street
16" Water Main Replacement

Dear Mr. Roberts:

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rule 62-555. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents, attached hereto or on file with the department and made a part hereof and specifically described as follows:

Construct approximately 6873 L.F. of DIP water mains in sizes 16, 12, 10, 8, 6 and 3 inch, 3 new fire hydrants, 1 fire hydrant relocation, 1 fire hydrant blowoff assembly, a 16" master meter assembly and other appurtances for the above reference project.

SPECIFIC CONDITIONS:

1. A portion of proposed water mains will be constructed in petroleum contaminated soil and ground water. In the contaminated area, special pipe gasket material (FKM or NBR) as recommended by AWWAPf's "Impact of Hydrocarbons on PE/PVC Pipes and Pipe Gaskets". Disposal of contaminated soil and groundwater shall be done in accordance with State laws.
2. Prior to placing the system in service a successful two consecutive day main clearance for bacteria must be completed on the finished water.
3. Prior to placing the system in service the engineer of record must certify the system using DEP Form No. 62-555.900(9).

RECEIVED
JUN 02 2009
PUBLIC WORKS
ENGINEERING DIVISION

Manatee County Health Department
Environmental Health Services
410 Sixth Avenue East • Bradenton 34208-1928
PHONE (941) 748-0747 • FAX (941) 750-9364

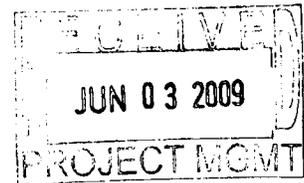
North Dock Street
16" Water Main Replacement
Page 2
May 21, 2009

4. If any substantial changes occur with this project, those affected portions will be required to be permitted.
5. Bacteriological sampling locations shown on sheet numbers C2 to C7. Sample points are located at 2" services (Sta 46+28 and 9+45, 290'L), end of line connections (Sta 45+23, 15+85, 270'L and 3", sheet C2), temporary sample taps at fire hydrant (Sta 10+60 and 3+52, 386'L and 5+30, 50'L), aire/vacuum release valve (Sta 66+10), at 2 10" fireline backflow assemblies and at 6" fireline backflow assembly.
6. If historical or archaeological artifacts, such as Indian canoes are discovered at any time within the project site the permittee shall immediately notify Manatee County Health Department and the Bureau of Historic Preservation, Division of Archives, History and Records Management, RA Gray Building, Tallahassee, Florida 32310, telephone number (904) 487-2073.
7. The permittee shall be aware of and operate under the attached "General Conditions". General conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.
8. Permitted construction or alteration of public drinking water systems must be supervised during construction by a Professional Engineer registered in the State of Florida.
9. Aire/Vacuum Release Valve at Sta 14+75, 8 feet R shall be a manual valve per Detail UW-11, sheet C9.


Brian C. Dietz, PE
Environmental Health Services

BCD/hm/bb

cc: H. Wayne Roberts, PE/MCPMD
William G. Lorenzo, PE/CH2M Hill
Harry Messick, ES II, Water Program



**PROJECT: North Dock Street
16" Water Main Replacement
PA# 0133068-896 DS-C**

ATTACHMENT - GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. The permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, or does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the trustees of the internal improvement trust fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, which are required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law at reasonable times, access to the premises where the permitted activity is located or conducted to:

- A. Have access to and copy any records that must be kept under conditions of the permit.
- B. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- C. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any conditions or limitations specified in this permit, the permittee shall immediately provide the department with the following information:

- A. A description of any cause on noncompliance; and
- B. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitting source which are submitted to the department may be used by the departments evidence in any enforcement case involving the permitted source arising under the Florida Statutes or department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules and Civil Procedure and appropriate evidentiary rules.

General Conditions:

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.
11. The permit is transferable only upon department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - A. Determination of Best Available Control Technology (BACT).
 - B. Determination of Prevention of Significant Deterioration (PSD).
 - C. Certification of compliance with State Water Quality Standards (Section 401, PL92-500).
 - D. Compliance with New Source Performance Standards.
14. The permittee shall comply with the following:
 - A. Upon request, the permittee shall furnish all records and plans required under department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the department.
 - B. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by department rule.

Page 4

General Conditions:

C. Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements;
2. The person responsible for performing the sampling or measurements;
3. The dates analyses were performed;
4. The person responsible for performing the analyses;
5. The analytical techniques or methods used;
6. The results of such analyses.

15. When requested by the department, the permittee shall with a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be corrected promptly.

(gencondt)