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February 18, 2026

VIA Electronic Filing to the Office of Commission Clerk

Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
Attn: Daniel Dose, Senior Attorney

Re: Docket 20250038-WS – Petition for an acquisition adjustment for a non-viable utility, by CSWR-Florida Utility Operating Company, LLC.

Dear Mr. Dose:

CSWR-Florida Utility Operating Company, LLC (“CSWR-Florida”) submits the following responses to Staff’s January 27, 2026 First Data Request.

Please refer to CSWR-Florida Utility Operating Company, LLC (CSWR-FL or Utility) petition for an acquisition adjustment relating to its 2022 acquisition of the North Peninsula Utilities Corporation (North Peninsula) wastewater system for the following questions (Document No. 01362-2025, filed on March 6, 2025):

1. Please explain, with specificity, the rationale for paying above net book value for the acquired utility.

Response: When evaluating a system for potential acquisition, CSWR-Florida consults publicly available documents, such as Commission annual reports and available information from health and environmental regulators. It also conducts site visits to get a better understanding of the plant configuration and the condition of the equipment. A final purchase price is determined through arms-length negotiations between the parties, with CSWR Florida's ultimate objective being to pay the least amount that a utility/seller will accept.

In practice, utility owners frequently have economic incentives to retain ownership rather than sell at net book value. One such incentive is the ability to compensate themselves or earn other financial benefits as a result of ownership. As a result, CSWR-Florida has not encountered a utility owner willing to sell a system at net book value absent extraordinary circumstances, such as receivership. This experience is

consistent with CSWR-Florida's prior acquisitions in Florida, all of which were negotiated at prices above net book value.

In addition, CSWR-Florida believes that the net book values for many small utility systems may be artificially low due to the regulatory structure under which those systems operate. Specifically, under annual price index adjustment mechanisms, utility owners may have limited incentive to capitalize infrastructure investments that would otherwise be capitalized in a traditional rate case environment. Over time, this can result in systems with aging or inadequate infrastructure, significant deferred maintenance, and net book values that do not reflect the true replacement cost or operational condition of the assets used to provide service. Consequently, net book value may materially understate the economic value of the system as a going concern and does not serve as a reliable indicator of market value in an arm's-length transaction.

Accordingly, CSWR-Florida's acquisition prices are not based on net book value alone, but rather reflect system-specific factors, including physical condition, operational risks, anticipated capital investment requirements, and the outcome of arm's-length negotiations between independent parties. This approach is consistent with CSWR-Florida's prior acquisition filings and testimony before the Commission.

2. Please explain how the proposed acquisition, which reflects an acquisition premium over the net book value of the acquired utility, is reasonable and consistent with Section 366.03, Florida Statutes.

Response: Section 366.03, Florida Statutes, provides in part that "Each public utility shall furnish to each person applying therefore reasonably sufficient, adequate, and efficient service upon terms as required by the commission." Prior to acquisition of the wastewater system by CSWR-Florida, the customers of the former North Peninsula system have not had service that is sufficient, adequate, or efficient. The wastewater treatment plant was literally falling apart and mired in many years of unresolved environmental violations. CSWR-Florida has installed temporary emergency remedial measures and has been working relentlessly on an interconnection agreement with the City of Ormond Beach so that all onsite plant can be decommissioned and treatment removed from this neighborhood. As discussed in the Petition, this system was essentially abandoned before CSWR-Florida acquired it. CSWR-Florida is bringing sufficient, adequate, and efficient service to the customers.

Section 366.03 also provides that "All rates and charges . . . shall be fair and reasonable." The customers have benefitted tremendously from this acquisition, and will continue to so benefit into the future. Section IV of the Petition lays out the range of benefits to customers, the most important of which is eliminating their dependence on the failing plant in their neighborhood. The rate impact to customers is minimal

as compared to the benefits and upgrades to their service. If the Commission grants the full acquisition adjustment requested, at the longest amortization to minimize rate impact as CSWR-Florida has requested, then the impact to customers of the acquisition adjustment is projected to be only \$0.45 per month if rates are consolidated by the Commission and \$5.31 per month if rates are not consolidated. The acquisition and proposed acquisition adjustment provide substantially more of a benefit to customers than just being baseline reasonable.

3. Please identify and discuss any internal or external concerns raised about paying in excess of book value for the acquired utility.

Response: Certainly, the acquisition of the system was thoroughly reviewed, vetted, and discussed prior to closing, and no internal or external concerns were raised regarding payment in excess of net book value. The Company's mission is to acquire and rehabilitate small, distressed water and wastewater systems that lack the capital, scale, or technical resources necessary to provide safe and reliable service on a sustainable basis. CSWR Florida believed it could bring these and other benefits to the customers served by the North Peninsula sewer systems, and the Company's performance since it acquired that system has proved those beliefs to be correct. In addition, based upon numerous acquisition transactions throughout the eleven-state footprint served by CSWR-affiliates, the Company knew that while regulators focus on the net book value of a system's assets the owners of those systems oftentimes focus on the market value of those same assets, which is almost always significantly greater. Therefore, while CSWR's utility affiliates always enter into negotiations with the objective of paying the least amount possible for the water and wastewater systems they acquire, many times sellers will not accept a final purchase price at or near the net book value of the assets being sold.

Recent changes to Florida's regulatory framework—including the Commission's adoption of fair market valuation concepts and updates to the acquisition adjustment rule applied in this docket—implicitly acknowledge the reality described above – i.e., that acquisitions may require a price above net book value. In addition, those policy changes demonstrate a clear preference for well-capitalized, professionally managed utilities to acquire and revitalize failing systems. These changes recognize that net book value alone does not reflect the economic realities of small utility ownership and the price those owners are willing to accept for their systems. They also recognize that due to the condition of aging infrastructure, or the level of capital investment required to restore systems to long-term viability, a sale of those systems to utilities better able to upgrade and maintain the systems is in the long-term best interests of the customers served by those systems – even it that requires recognition of a purchase price above net book value.

Rather than focusing solely on the present net book value of assets that may be decades old, the Company takes a long-term view centered on system sustainability,

service reliability, and environmental compliance. The Company believes Florida should welcome, encourage, and support substantial private capital investment by utilities willing and able to assume the risks associated with turning around distressed systems. Revitalizing these systems benefits customers, reduces the risk of service failures and environmental harm, and does so at reasonable rates and a reasonable return, consistent with the Commission’s stated policy objectives.

4. Regarding this acquisition in relation to the acquisition adjustment requests in Docket Nos. 20250043-WS, 20250047-WS, 2025130-WS, and 20250136-WS, please explain the variation in acquisition premiums among the five acquired utilities and what factors contributed to those differences.

Response: Acquisition adjustments vary among CSWR-Florida’s acquisition adjustment cases based on system-specific factors, including each utility’s net book value, physical condition, operational viability, and the circumstances of the arm’s-length negotiations with the seller. Each acquisition is evaluated on its own merits, and differences in these factors necessarily result in differences in purchase prices and associated acquisition premiums. Purchase price is not determined by net book value. CSWR-Florida has yet to encounter a system owner who will sell at net book value, when they have the alternative of continuing to run the system and defer maintenance and updates. Until the point of receivership or environmental disaster, the status quo and running down the system tends to be profitable.

With respect to the North Peninsula system, the Commission issued a Proposed Agency Action Order (PSC-2022-0116-PAA-SU) which established the net book value of North Peninsula’s system at \$247,528.00 as of July 31, 2021. The purchase price for the North Peninsula system was determined through arm’s-length negotiations between independent parties and reflects the specific characteristics and condition of that system at the time of acquisition. Accordingly, any acquisition premium associated with the North Peninsula system is attributable to those system-specific factors and differs from other dockets involving different utilities.

5. Please explain why no appraisal was obtained as part of CSWR-Florida’s acquisition of the acquired utility.

Response: Please see Attachment “DR 5 – Valuation”, which includes the third-party valuation report and all supporting documentation related to the valuation of the North Peninsula Utilities assets.

6. Please discuss if any lower-cost acquisition alternatives were considered.

Response: No, the Company did not consider purchasing a different system than this one as a lower-cost alternative, if that is the question. The Company has acquired a

range of systems at a range of costs. The acquisition of this system was the product of arms-length negotiations. There was not a lower-cost alternative means to acquire this system.

7. Please indicate whether the Utility used or contemplated any risk-sharing mechanisms (e.g., seeking partial recovery of the premium, contingencies, etc.). If so, please discuss.

Response: No. CSWR-Florida did not use or contemplate any risk-sharing mechanisms, other than this acquisition adjustment recovery process. CSWR-Florida takes the risks of ownership when it acquires a system.

8. Please indicate whether the Utility considered voluntarily reducing the adjustment to mitigate ratepayer impact. If so, please discuss.

Response: No. CSWR-Florida believes the North Peninsula water system was non-viable and that customers have clearly benefited from this acquisition, as detailed in the Petition. To mitigate customer impact, CSWR-Florida has requested the maximum allowable amortization. CSWR-Florida's 5-year projected consolidated rate impact is \$0.45 per wastewater customer per month. As such, the Company believes that the benefits provided far outweigh the projected rate impact.

9. Please provide documentation showing whether the Utility sought to renegotiate terms based on any discovered risks of acquiring the utility.

Response: None. No renegotiation of terms occurred.

10. Please identify and explain whether any scenarios were considered where a portion of the acquisition premium could be disallowed.

Response: No, the Company has taken the risks associated with acquiring this system. The Company is aware that the Commission may Order a partial acquisition adjustment or deny an acquisition adjustment. This may impact the Company's willingness to continue to invest in Florida by acquiring other systems, but it does not impact the acquisition of this system, which has long since closed.

11. Please provide a full breakdown of any additional costs related to the acquisition incremental to purchase price (i.e., transactional and regulatory costs).

Response: Please see the attachment "DR 11 – Additional Costs."



12. Please identify any problems or concerns that were raised during the due diligence period that could have or did effect the purchase price.

Response: None. The Company’s mission is to acquire failing and neglected systems. These systems are all rife with problems and concerns.

13. Please indicate whether the acquisition was subject to an independent audit or review. If so, please discuss the results of such review.

Response: No, it was not. The Company makes its own acquisition decisions.

14. Please provide accounting journal entries showing how the acquisition adjustment will be recorded on the utility’s books.

Response: Please see the attachment “DR 14 – Journal Entries.”

15. Please provide a detailed post-acquisition pro forma financial statement, including revenue requirement impact, of the acquired utility.

Response: Please see the attachment “DR 15 – Post Acquisition Pro Forma.”

16. Please provide a comparison of the revenue requirement with and without the acquisition adjustment of the acquired utility.

Response: Please refer to the response provided in Data Request 15.

17. Please identify any regulatory assets or liabilities created as a result of this transaction, if any, and cite Florida Public Service Commission approval/Order No.

Response: There are none.

18. Please identify all parties to the transaction and their relationships to CSWR (if any).

Response: The seller of the system assets of North Peninsula Utilities Corporation was Robert Hillman, and his attorney for the transaction was Jeffrey C Sweet at Korey, Sweet, McKinnon & Simpson Law Firm. CSWR-Florida’s acquisition of the North Peninsula system was an arms-length transaction. CSWR-Florida and North

Peninsula Utilities Corporation are non-affiliated, independent parties. There was no prior relationship or influence between them, or their principals.

19. Please briefly explain how operations, staffing, and service quality have been affected post-acquisition.

Response: Please refer to Part IV “Basis for Granting this Petition,” specifically section 3, included in the Petition.

20. Please explain what steps are or have been taken to ensure a seamless transition for customers.

Response: CSWR-Florida has implemented a comprehensive transition plan designed to ensure continuity of service, minimize customer disruption, and enhance the overall customer experience following the acquisition. These measures address customer communications, billing continuity, operational responsiveness, and emergency preparedness.

Upon closing, customers receive a Welcome Letter explaining the change in ownership, customer service and emergency contact information, and billing and payment options. The most current customer information available is used when onboarding the system into CSWR-Florida’s billing platform to ensure accurate billing and uninterrupted service. Existing rates are adopted at the time of acquisition to mitigate rate impacts during the transition.

Customers gain access to CSWR-Florida’s centralized 24/7 customer service call center for billing inquiries, service requests, and emergency calls. Licensed operations and maintenance personnel are on call at all times to respond to service interruptions or emergencies, supported by remote system and water quality monitoring that allows for prompt identification and resolution of operational issues. Customers also have access to electronic billing and an online customer portal, which improves communication and reduces the potential for service or billing disruptions during the transition.

21. Please indicate whether any customer protections were included in the transaction. If so, please identify and discuss the specific customer protections.

Response: Customers benefit from the acquisition as extensively detailed in the Petition. The system rates were continued after acquisition. The Company has requested the maximum amortization of the acquisition adjustment to minimize impacts to customers. Customers are best protected by CSWR-Florida's delivery of sufficient, adequate, and efficient service as compared to the prior owner.

22. Please indicate whether CSWR LLC has sought similar acquisition adjustments in other jurisdictions. If so, provide the associated outcomes (e.g. acquisition adjustment approved in full, partial approval of the acquisition adjustment, or denial of the acquisition adjustment). Please provide the jurisdiction(s) and relevant order number(s).

Response: Yes, it has. Tennessee Rule 1220-04-14-.04 explicitly allows for the Commission to consider remediation of public health, safety, and welfare concerns when contemplating acquisition incentives. 16 Texas Administrative Code (“TAC”) § 24.41(d) ensure acquisition adjustments are tied to arm’s length transactions, improvements in service quality, and clear customer benefits. Partial acquisition adjustments were granted in Docket 24-00044.

Arizona Corporation Commission Decision No. 75626 (July 26, 2016) in Docket No. W-00000C-16-0151 (“Water Policy Order”). In its Water Policy Order, the Commission adopted a series of “Policy Statements for the Water and Wastewater Industries” in Arizona. In adopting the policies, the Commission recognized and explained that the “private water utility industry in Arizona is highly fragmented and problematic.” The Commission further explained that “encouraging consolidation will have direct and tangible benefits for small water utility customers.” Differences between Purchase Price and Net Book Value, identified as “deferred debits” in AZ, were granted in Order Number 81549.

Kentucky Rule KRS 278.295(2) codified the “Delta Test” which outlines the criteria a commission uses to determine the value of an acquired water or sewer asset for ratemaking. The commission sets the asset's value between its original cost and its acquisition price, regardless of how it was originally funded, if the acquiring utility demonstrates that the price was negotiated fairly, restoring the asset won't negatively affect overall costs or customer rates, the acquisition leads to operational efficiencies; purchase prices are clearly distinguished, and there are financial and service benefits from the acquisition. In Docket 2022-00432, the Commission granted approval of requested acquisition adjustments for 10 of the 12 systems found in its request.

TX 16 TAC § 24.41(d)(1) and (2) detail the recovery of positive acquisition adjustment. Specifically, the rule permits recovery when certain conditions are met, such as reasonable investments being made to comply with regulations, and the transaction benefiting customers or improving stability. The adjustment is only allowed if the buyer and seller are not affiliated, all related transactions are disclosed and conducted at arm's length, and the purchase price and impact on rates are reasonable. In the Final Order to Docket 54565, the Commission noted “The net positive acquisition adjustments for the systems CSWR-Texas acquired outside of the FMV process are reasonable and should be included in rate base.”

Mississippi Commission Rule 8.102 governs rate adjustments related to the approval of a sale and transfer of public utility property. Commission Rule 8.102 states “Unless specifically requested in the petition and clearly allowed by the Commission's order,

the approval of any sale or transfer by the Commission shall not, in and of itself, provide a basis or justification for any subsequent adjustment to rate base or operating expenses. An acquisition adjustment shall not be implied or allowed except upon written request for same in the Petition for Sale and Transfer and only where expressly allowed by order of the Commission when it grants approval for the sale and transfer. If an acquisition adjustment is sought, all supporting documentation and legal authority must be attached to the Petition presented pursuant to this rule. Adjustments, if allowed, shall be by Order of the Commission.” Most recently, acquisition adjustments were granted to Great River in Docket Nos. 2020-UA-143, 2020-UA-144, 2021-UA-157, 2021-UA-158, 2022UA-37, 2022-UA-38, 2022-UA-144, 2022-UA-145, 2023-UA-35, and 2023-UA-36.

Overwhelmingly, various states are adopting rules that incentivize both the acquisition and, more importantly, the rehabilitation of small, distressed systems. In each of these states, recovery of acquisition adjustments (deferred debits) isn’t just permitted — it’s a deliberate tool to promote public health, infrastructure investment, and long-term service stability.

23. Assuming CSWR-FL’s request to consolidate rates is not approved:

a. Please describe how the Utility would implement the resulting rate increases, including any measures proposed to mitigate customer bill impacts.

Response: CSWR-Florida has proposed consolidation in Docket 20250052 and will implement any rate increase or rate design as Ordered by the Florida PSC.

b. Please indicate whether the Utility would seek to phase-in rates.

Response: No. While CSWR has implemented phase in rates in other jurisdictions, these phase ins include carrying costs which would increase the rates in the long term.

24. Please provide any due diligence reports conducted by CSWR-Florida (or parent) associated with the acquisition.

Response: Please see the attachment “DR 24 – North Peninsula Engineering Memo.”

25. Please provide all materials related to sensitivity analyses or stress tests on acquisition pricing, if any, that CSWR-Florida or any party retained to assist in acquisition pricing conducted.

Response: None.

26. With respect to the acquisition adjustment in this case, please provide copies, if any, of:
- a. Internal memos, board presentations, and management analyses supporting the adjustment.

Response: None.

- b. Any codified internal policies regarding acquiring utilities and seeking acquisition adjustments.

Response: None.

- c. Documented communications with investors or credit rating agencies regarding any acquisition-related impacts.

Response: None.

27. Please submit all internal emails, management meeting notes, and board presentations that mention concerns or debates over the acquisition price or expected regulatory treatment of the premium.

Response: As noted in item 3 above, there were not internal or external concerns over the excess of the purchase price over net book value. There was no “expected regulatory treatment.”

28. With respect to the acquisition adjustment in this case, please provide unredacted versions (if any) of:
- a. Valuation reports related to the acquired utility.

Response: Please refer to the response provided in Data Request 5.

- b. Copies of any internal rate impact modeling conducted by CSWR-Florida with respect to the acquired utility.

Response: Please refer to the response provided in Data Request 15.

29. Please submit any documented communications between Utility executives/Utility staff and the acquired utility regarding acquisition premium justification.

Response: None.



Thank you for the opportunity to provide additional information in support of the application. Please feel free to contact our office at your convenience with any additional questions or concerns.

Sincerely,

/s/ Thomas A. Crabb

Thomas A. Crabb
Attorney for CSWR-Florida

cc: Aaron Silas
Walt Trierweiler, Esq.
Austin Watrous, Esq.
Daniel Dose, Esq.
Jennifer Crawford, Esq.
Jennifer Augspurger, Esq.
discovery-gcl@psc.state.fl.us

Data Request # 5

Valuation



Flinn Engineering, LLC
11216 Neumann Lane
Highland, Illinois 62249
618-550-8427
ksimpson@flinnengineering.com

November 12, 2021

Jacob Freeman, PE
Director, Engineering
Central States Water Resources
1650 Des Peres Rd., Suite 303
St. Louis, MO 63131

Re: Asset Valuation Report
North Peninsula Utilities Corporation

Dear Mr. Freeman:

Flinn Engineering, LLC has completed the valuation of the assets owned by North Peninsula Utilities Corporation in Volusia County, Florida. The purpose of this report is to estimate the value of the assets at the time the system was placed in service and estimate the depreciated book value of the assets.

The original installation costs were not recorded by the developer. In order to establish the original cost, we estimated the cost to install the assets in 2021 dollars using a combination of an engineering opinion based on knowledge of other systems of similar size and correspondence from contractors and suppliers. The Handy-Whitman Index was used to adjust the estimated installation cost to the date the assets were placed in service. The original installation date is based on a variety of assumptions and available information that are described below.

A site visit was not conducted since this report is not evaluating the condition of the system. The following describes the information available, assumptions made, and methodology used to determine the installed value of the assets.

The only property value included in this estimate is the \$46,800 value shown on the 2020 Annual Report (Item 1 in **Appendix A**). It is unclear what this property value represents and it is the same value in all Annual Reports going back to 1999. Assuming this is the original property value for the wastewater treatment plant, additional property values could include the lift station sites and easements for the collection system.

Summary

The North Peninsula system includes only sewer customers and is served by the extended aeration wastewater treatment plant. **Table 1** summarizes the estimated installation cost in 2021 dollars, the estimated original installation cost, and the estimated depreciated book value.

Table 1 – Wastewater System Estimated Installation Cost and Depreciated Book Value

Description	Estimated Installation Cost 2021	Estimated Original Installation Cost	Estimated Depreciated Book Value
Wastewater System	\$ 3,867,871.39	\$ 1,132,012.01	\$ 312,207.71

Available Information/Assumption

The following information/assumptions were used to determine the quantity, age, and estimated installation cost for the assets. The numbers are shown in **Table 2** for easy reference. The items listed under “Available Information” are included in **Appendix A**.

Available Information

1. 2020 Annual Report submitted to the Florida Public Service Commission.
2. Annual Reports from 1999 to 2019 submitted to the Florida Public Service Commission <http://www.floridapsc.com/UtilityRegulation/ViewAnnualReport?code=SU615%3bNorth+Peninsula+Utilities+Corporation> (not attached.)
3. 2018 Staff Assisted Rate Case <http://www.floridapsc.com//Files/PDF/Agendas/archive/191003cc/19100310.html> (not attached.)
4. USEPA Fact Sheet on Package Plants dated September 2000.

Assumptions

5. All original wastewater assets were installed in 1979 with additional improvements documented in Annual Reports submitted to the Florida Public Service Commission.
6. The USEPA published a Technology Fact Sheet on Package Plants in September 2000 (Item 4 in **Appendix A**). The Fact Sheet estimates the capital costs for this type of WWTP to range from \$4 to \$6 per treated gallon. We assumed the WWTP would be in the low end of the cost range. The 2000 (H-W 351) per gallon cost was converted to 2021 (H-W 694). The estimated 2021 cost for the installation of the extended aeration package plant is \$8 per gallon treated.
7. The sewer is primarily 6-inch PVC forcemain and 8-inch VCP and PVC gravity sewer. The sewer unit cost in 2021 is estimated to be \$50 per foot for 6-inch and \$55 per foot for 8-inch. We assumed the gravity sewer is approximately six (6) to eight (8) feet deep and the forcemain is approximately three (3) feet deep. The per foot estimate for sewer installation includes design, excavation, material, installation, backfill, and restoration.
8. The lift station cost is based on the size of the pumps. We assumed the pumps are 2 hp pumps. The 2021 estimated cost for a station with 2-hp pumps is \$20,000. This is based on recent installation of similar sized pumps.
9. The manhole installation cost in 2021 is estimated to be \$4,000 based on recent conversations with contractors. This includes excavation, material, installation, backfill, and restoration.
10. The sewer lateral installation cost in 2021 is estimated to be \$400 based on 4-inch PVC and recent conversations with contractors. This estimate includes excavation, material, installation, backfill, and restoration.

Wastewater System

Based on the information available and the assumptions listed above, the wastewater system includes the extended aeration wastewater treatment plant; two (2) lift stations; 21,082 feet of 8-inch gravity sewer; 5,420 feet of 6-inch forcemain; 87 manholes; and 603 service laterals.

Table 2 includes the asset description, quantity, information/assumption to determine quantity, date of installation, information/assumption to determine date of installation, unit cost, and information/assumption used to determine unit cost. The cost in **Table 2** is the estimated cost to install the wastewater assets in 2021.

Table 2 – Estimated Installation Cost for Wastewater Assets in 2021

Description	Quantity	Unit	Quantity Info/ Assumption ¹	Date Installed	Date Info/ Assumption ¹	Estimated Unit Cost 2021	Cost Info/ Assumption ¹	Estimated Installation Cost 2021 ²
Property	1	ea	1	1979	n/a	\$ 46,800.00	1	\$ 46,800.00
WWTP-Extended Aeration	181,000	gpd	1	1979	3	\$ 8.00	6	\$ 1,448,000.00
WWTP Improvement 2003	1	Lump Sum	2	2003	2	\$ -	2	\$ 36,342.47
WWTP Improvement 2004	1	Lump Sum	2	2004	2	\$ -	2	\$ 23,432.12
WWTP Improvement 2013	1	Lump Sum	2	2013	2	\$ -	2	\$ 19,780.79
WWTP Improvement 2014	1	Lump Sum	2	2014	2	\$ -	2	\$ 33,960.97
WWTP Improvement 2015	1	Lump Sum	2	2015	2	\$ -	2	\$ 20,033.62
WWTP Improvement 2016	1	Lump Sum	2	2016	2	\$ -	2	\$ 11,949.50
WWTP Improvement 2019	1	Lump Sum	2	2019	2	\$ -	2	\$ 31,324.03
WWTP Improvement 2020	1	Lump Sum	2	2020	2	\$ -	2	\$ 71,376.33
8" Sanitary Sewer	21,082	feet	3	1979	3	\$ 55.00	7	\$ 1,159,510.00
6" Force Main	5,420	feet	3	1979	3	\$ 50.00	7	\$ 271,000.00
Lift Stations	2	ea	3	1979	3	\$ 20,000.00	8	\$ 40,000.00
Pump Improvement 2014	1	Lump Sum	2	2014	2	\$ -	2	\$ 13,436.58
Pump Improvement 2016	1	Lump Sum	2	2016	2	\$ -	2	\$ 8,821.60
Pump Improvement 2017	1	Lump Sum	2	2017	2	\$ -	2	\$ 6,643.56
Pump Improvement 2019	1	Lump Sum	2	2019	2	\$ -	2	\$ 17,333.49
Pump Improvement 2020	1	Lump Sum	2	2020	2	\$ -	2	\$ 18,926.34
Manholes	87	ea	3	1979	3	\$ 4,000.00	9	\$ 348,000.00
Service Laterals	603	ea	1	1979	3	\$ 400.00	10	\$ 241,200.00
Estimated Installation Cost 2021								\$ 3,867,871.39

Notes:

1 – Info/Assumption number refers to list above.

2 – The 2021 cost in gray cells were converted from original cost shown in the Annual Reports (Item 2 in Available Information/Assumptions) using Handy-Whitman Indices.

Table 3 shows the calculation using the Handy-Whitman indices to convert the estimated installation cost in 2021 to the estimated original installation cost.

Table 3 - Wastewater Assets Estimated Original Installation Cost

Description	Estimated Installation Cost 2021	Handy-Whitman Index Original Installation Date	Handy-Whitman Index 2021	Estimated Original Unit Cost	Estimated Original Installation Cost ¹
Property	\$ 46,800.00		n/a	\$ 46,800.00	\$ 46,800.00
WWTP-Extended Aeration	\$ 1,448,000.00	169	694	\$ 1.95	\$ 352,610.95
WWTP Improvement 2003	\$ 36,342.47	390	694	\$ -	\$ 20,423.00
WWTP Improvement 2004	\$ 23,432.12	415	694	\$ -	\$ 14,012.00
WWTP Improvement 2013	\$ 19,780.79	581	694	\$ -	\$ 16,560.00
WWTP Improvement 2014	\$ 33,960.97	601	694	\$ -	\$ 29,410.00
WWTP Improvement 2015	\$ 20,033.62	616	694	\$ -	\$ 17,782.00
WWTP Improvement 2016	\$ 11,949.50	623	694	\$ -	\$ 10,727.00
WWTP Improvement 2019	\$ 31,324.03	679	694	\$ -	\$ 30,647.00
WWTP Improvement 2020	\$ 71,376.33	683	694	\$ -	\$ 70,245.00
8" Sanitary Sewer	\$ 1,159,510.00	185	819	\$ 12.42	\$ 261,916.18
6" Force Main	\$ 271,000.00	185	819	\$ 11.29	\$ 61,214.90
Lift Stations	\$ 40,000.00	205	1454	\$ 2,819.81	\$ 5,639.61
Pump Improvement 2014	\$ 13,436.58	900	1454	\$ -	\$ 8,317.00
Pump Improvement 2016	\$ 8,821.60	1013	1454	\$ -	\$ 6,146.00
Pump Improvement 2017	\$ 6,643.56	1135	1454	\$ -	\$ 5,186.00
Pump Improvement 2019	\$ 17,333.49	1346	1454	\$ -	\$ 16,046.00
Pump Improvement 2020	\$ 18,926.34	1374	1454	\$ -	\$ 17,885.00
Manholes	\$ 348,000.00	185	819	\$ 903.54	\$ 78,608.06
Service Laterals	\$ 241,200.00	161	628	\$ 102.55	\$ 61,836.31
Estimated Original Installation Cost					\$ 1,132,012.01

Note 1: The gray cells represent the original cost shown in the Annual Reports (Item 2 in Available Information/Assumptions).

Depreciated Value

The estimated original cost was depreciated based on depreciation rates used by the Missouri Public Service Commission (PSC) during recent rate cases. It is reasonable to assume the depreciation rates approved by the Missouri PSC are typical of other states. The depreciation schedules from three (3) recent wastewater system rate cases are included in **Appendix B**. The depreciation periods used are summarized in **Table 4**. The depreciation calculation is included in **Appendix C**.

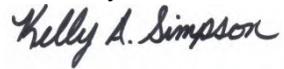
Table 4 – Depreciation Periods

Asset	Depreciation Period (years)
Property	n/a
WWTP - Equipment	22
Sanitary Sewer, Manholes, Laterals	50
Lift Station	10

Mr. Jacob Freeman
Page 5 | November 12, 2021

We appreciate the opportunity to assist you on this project. If you have any questions, please let me know.

Sincerely,

Handwritten signature of Kelly A. Simpson in black ink.

Kelly A. Simpson, PE, LEED® AP
Owner

Enclosures:

Appendix A – Available Information
Appendix B – PSC Depreciation Rate Schedules
Appendix C – Depreciation Calculation

CLASS "A" OR "B"

WATER AND/OR WASTEWATER UTILITIES
(Gross Revenue of More Than \$200,000 Each)

ANNUAL REPORT

OF

SU615-20-AR
Robert Hillman
North Peninsula Utilities Corporation
P.O. Box 2803
Ormond Beach, FL 32175-2803

OFFICIAL COPY
Public Service Commission
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Exact Legal Name of Respondent

249 S

Certificate Number(s)

Submitted To The

STATE OF FLORIDA



PUBLIC SERVICE COMMISSION

FOR THE

YEAR ENDED DECEMBER 31, 2020

2021 MAY -7 AM 4:47
COMMUNICATIONS SECTION
PUBLIC SERVICE COMMISSION

GENERAL INSTRUCTIONS

1. Prepare this report in conformity with the 1996 National Association of Regulatory Utility Commissioners Uniform System of Accounts for Water and/or Wastewater Utilities (USOA).
2. Interpret all accounting words and phrases in accordance with the USOA.
3. Complete each question fully and accurately, even if it has been answered in a previous annual report. Enter the word "None" where it truly and completely states the fact.
4. For any question, section, or page which is not applicable to the respondent, enter the words "Not Applicable." Do not omit any pages.
5. Where dates are called for, the month and day should be stated as well as the year.
6. All schedules requiring dollar entries should be rounded to the nearest dollar unless otherwise specifically indicated.
7. Complete this report by means which result in a permanent record, such as by computer or typewriter.
8. If there is not enough room on any schedule, an additional page or pages may be added, provided the format of the added schedule matches the format of the schedule with not enough room. Such a schedule should reference the appropriate schedules, state the name of the utility, and state the year of the report.
9. If it is necessary or desirable to insert additional statements for the purpose of further explanation of schedules, such statement should be made at the bottom of the page or an additional page inserted. Any additional pages should state the name of the utility, the year of the report, and reference the appropriate schedule.
10. For water and wastewater utilities with more than one rate group and/or system, water and wastewater pages should be completed for each rate group and/or system group. These pages should be grouped together and tabbed by rate group and/or system.
11. All other water and wastewater operations not regulated by the Commission and other regulated industries should be reported as "Other than Reporting Systems."
12. Financial information for multiple systems charging rates which are covered under the same tariff should be reported as one system. However, the engineering data must be reported by individual system.
13. For water and wastewater utilities with more than one system, one (1) copy of workpapers showing the consolidation of systems for the operating sections, should be filed with the annual report.
14. The report should be filled out in quadruplicate and the original and two copies returned by March 31, of the year following the date of the report. The report should be returned to:

**Florida Public Service Commission
Division of Economic Regulation
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850**

The fourth copy should be retained by the utility.

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EXECUTIVE SUMMARY

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT
December 31, 2020

CERTIFICATION OF ANNUAL REPORT

I HEREBY CERTIFY, to the best of my knowledge and belief:

YES NO

1. The utility is in substantial compliance with the Uniform System of Accounts prescribed by the Florida Public Service Commission.

YES NO

2. The utility is in substantial compliance with all applicable rules and orders of the Florida Public Service Commission.

YES NO

3. There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices that could have a material effect on the the financial statement of the utility.

YES NO

4. The annual report fairly represents the financial condition and results of operations of the respondent for the period presented and other information and statements presented in the report as to the business affairs of the respondent are true, correct and complete for the period for which it represents.

Items Certified

1.	2.	3.	4.
X	X	X	X



(Signature of Chief Executive Officer of the utility) *

1.	2.	3.	4.

(Signature of Chief Financial Officer of the utility) *

* Each of the four items must be certified YES or NO. Each item need not be certified by both officers. The items being certified by the officer should be indicated in the appropriate area to the left of the signature.

NOTICE: Section 837.06, Florida Statutes, provides that any person who knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his duty shall be guilty of a misdemeanor of the second degree.

ANNUAL REPORT OF

YEAR OF REPORT
December 31, 2020

North Peninsula Utilities Corporation
(Exact Name of Utility)

County: Volusia

List below the exact mailing address of the utility for which normal correspondence should be sent:

P.O. Box 2803
Ormond Beach, FL 32175

Telephone: 386-677-7847

E Mail Address: developershw@gmail.com

WEB Site: None

Sunshine State One-Call of Florida, Inc. Member Number NP2138

Name and address of person to whom correspondence concerning this report should be addressed:

Robert Hillman
P.O. Box 2803, Ormond Beach, FL 32175

Telephone: 386-677-7847

List below the address of where the utility's books and records are located:

115 E. Granada Blvd Suite #12
Ormond Beach, FL 32176

Telephone: 386-677-7847

List below any groups auditing or reviewing the records and operations:

Date of original organization of the utility: 1989

Check the appropriate business entity of the utility as filed with the Internal Revenue Service

Individual Partnership Sub S Corporation 1120 Corporation

List below every corporation or person owning or holding directly or indirectly 5% or more of the voting securities of the utility:

Name	Percent Ownership
1. Robert Hillman	50%
2. Tyree Willson	50%
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT
December 31, 2020

COMPANY PROFILE

Provide a brief narrative company profile which covers the following areas:

- A. Brief company history.
- B. Public services rendered.
- C. Major goals and objectives.
- D. Major operating divisions and functions.
- E. Current and projected growth patterns.
- F. Major transactions having a material effect on operations.

NPUC was formed in 1989 to purchase the assets of Seabridge Utilities in order to provide wastewater service to condo units in Ormond Beach, developed by Hillman/Wilson.
The goal was to provide good compliant wastewater service at reasonable rates and expand service to others in need.
Current growth patterns are slow to stable with continued work to meet the standards and regulations of the FLA. DEP.

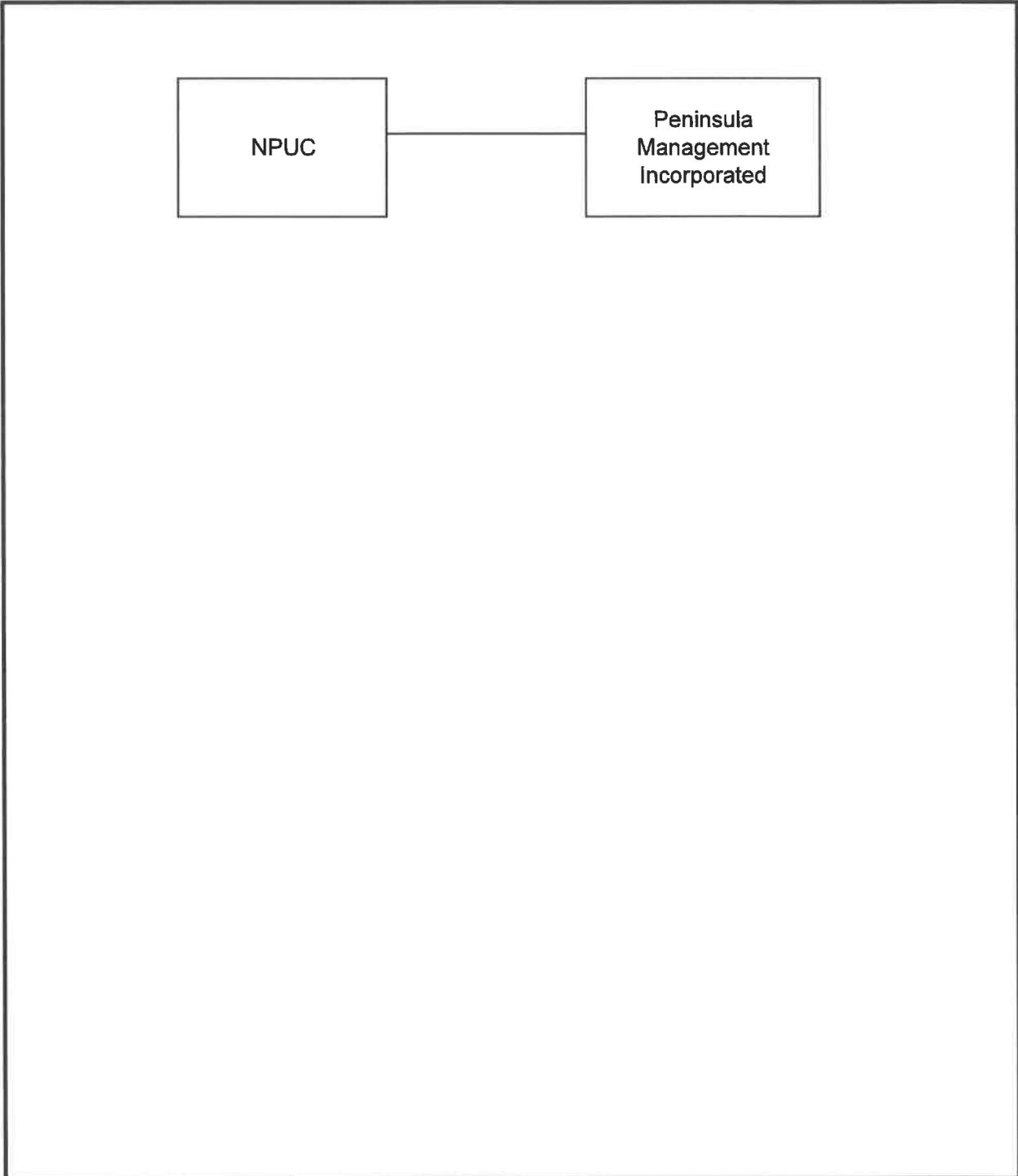
UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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PARENT / AFFILIATE ORGANIZATION CHART

Current as of _____ 12/31/20 _____

Complete below an organizational chart that shows all parents, subsidiaries and affiliates of the utility.
The chart must also show the relationship between the utility and affiliates listed on E-7, E-10(a) and E-10(b).



COMPENSATION OF OFFICERS

For each officer, list the time spent on respondent as an officer compared to time spent on total business activities and the compensation received as an officer from the respondent.			
NAME (a)	TITLE (b)	% OF TIME SPENT AS OFFICER OF THE UTILITY (c)	OFFICERS' COMPENSATION (d)
Bob Hillman	President	75-90	Direct Charge
Tyree Wilson	VP Operations	As needed	Direct Charge

COMPENSATION OF DIRECTORS

For each director, list the number of directors' meetings attended by each director and the compensation received as a director from the respondent.			
NAME (a)	TITLE (b)	NUMBER OF DIRECTORS' MEETINGS ATTENDED (c)	DIRECTORS' COMPENSATION (d)
Tyree Wilson	Dir	All	0
Bob Hillman	Dir	All	0

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FINANCIAL SECTION

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UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**COMPARATIVE BALANCE SHEET
ASSETS AND OTHER DEBITS**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
UTILITY PLANT				
101-106	Utility Plant	F-7	\$ 942,885	\$ 976,952
108-110	Less: Accumulated Depreciation and Amortization	F-8	744,555	699,468
Net Plant			\$ 198,330	\$ 277,484
114-115	Utility Plant Acquisition adjustment (Net)	F-7		
116 *	Other Utility Plant Adjustments			
Total Net Utility Plant			\$ 198,330	\$ 277,484
OTHER PROPERTY AND INVESTMENTS				
121	Nonutility Property	F-9	\$ 0	\$ 0
122	Less: Accumulated Depreciation and Amortization			
Net Nonutility Property			\$ 0	\$ 0
123	Investment in Associated Companies	F-10		
124	Utility Investments	F-10		
125	Other Investments	F-10		
126-127	Special Funds	F-10		
Total Other Property & Investments			\$ 0	\$ 0
CURRENT AND ACCRUED ASSETS				
131	Cash		\$ 5,056	\$ 8,060
132	Special Deposits	F-9	85	
133	Other Special Deposits	F-9	0	0
134	Working Funds			
135	Temporary Cash Investments			
141-144	Accounts and Notes Receivable, Less Accumulated Provision for Uncollectible Accounts	F-11	27,906	28,205
145	Accounts Receivable from Associated Companies	F-12		
146	Notes Receivable from Associated Companies	F-12		
151-153	Material and Supplies			
161	Stores Expense			
162	Prepayments			
171	Accrued Interest and Dividends Receivable			
172 *	Rents Receivable			
173 *	Accrued Utility Revenues			
174	Miscellaneous Current and Accrued Assets	F-12		
Total Current and Accrued Assets			\$ 33,047	\$ 36,265

* Not Applicable for Class B Utilities

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**COMPARATIVE BALANCE SHEET
ASSETS AND OTHER DEBITS**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
DEFERRED DEBITS				
181	Unamortized Debt Discount & Expense	F-13	\$ _____	\$ _____
182	Extraordinary Property Losses	F-13	_____	_____
183	Preliminary Survey & Investigation Charges		_____	_____
184	Clearing Accounts		_____	_____
185 *	Temporary Facilities		_____	_____
186	Miscellaneous Deferred Debits	F-14	92,666	61,777
187 *	Research & Development Expenditures		_____	_____
190	Accumulated Deferred Income Taxes		_____	_____
Total Deferred Debits			\$ 92,666	\$ 61,777
TOTAL ASSETS AND OTHER DEBITS			\$ 324,043	\$ 375,526

* Not Applicable for Class B Utilities

NOTES TO THE BALANCE SHEET

The space below is provided for important notes regarding the balance sheet

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**COMPARATIVE BALANCE SHEET
EQUITY CAPITAL AND LIABILITIES**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
EQUITY CAPITAL				
201	Common Stock Issued	F-15	\$ 100	\$ 100
204	Preferred Stock Issued	F-15	0	
202,205 *	Capital Stock Subscribed			
203,206 *	Capital Stock Liability for Conversion			
207 *	Premium on Capital Stock			
209 *	Reduction in Par or Stated Value of Capital Stock			
210 *	Gain on Resale or Cancellation of Reacquired Capital Stock			
211	Other Paid - In Capital		400	400
212	Discount On Capital Stock			
213	Capital Stock Expense			
214-215	Retained Earnings	F-16	(951,926)	(992,455)
216	Reacquired Capital Stock			
218	Proprietary Capital (Proprietorship and Partnership Only)			
Total Equity Capital			\$ (951,426)	\$ (991,955)
LONG TERM DEBT				
221	Bonds	F-15		0
222 *	Reacquired Bonds			
223	Advances from Associated Companies	F-17		0
224	Other Long Term Debt	F-17	1,001,825	1,082,504
Total Long Term Debt			\$ 1,001,825	\$ 1,082,504
CURRENT AND ACCRUED LIABILITIES				
231	Accounts Payable		39,949	36,560
232	Notes Payable	F-18	28,000	28,000
233	Accounts Payable to Associated Companies	F-18	194,487	208,584
234	Notes Payable to Associated Companies	F-18	0	0
235	Customer Deposits			
236	Accrued Taxes	W/S-3	10,492	11,138
237	Accrued Interest	F-19		
238	Accrued Dividends			
239	Matured Long Term Debt			
240	Matured Interest			
241	Miscellaneous Current & Accrued Liabilities	F-20	0	
Total Current & Accrued Liabilities			\$ 272,928	\$ 284,282

* Not Applicable for Class B Utilities

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**COMPARATIVE BALANCE SHEET
EQUITY CAPITAL AND LIABILITIES**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
DEFERRED CREDITS				
251	Unamortized Premium On Debt	F-13	\$ _____	\$ _____
252	Advances For Construction	F-20	_____	_____
253	Other Deferred Credits	F-21	_____	_____
255	Accumulated Deferred Investment Tax Credits			
Total Deferred Credits			\$ <u>0</u>	\$ <u>0</u>
OPERATING RESERVES				
261	Property Insurance Reserve		\$ _____	\$ _____
262	Injuries & Damages Reserve		_____	_____
263	Pensions and Benefits Reserve		_____	_____
265	Miscellaneous Operating Reserves		_____	_____
Total Operating Reserves			\$ <u>0</u>	\$ <u>0</u>
CONTRIBUTIONS IN AID OF CONSTRUCTION				
271	Contributions in Aid of Construction	F-22	\$ 641,756	\$ 641,756
272	Accumulated Amortization of Contributions in Aid of Construction	F-22	(641,040)	(641,061)
Total Net CIAC			\$ <u>716</u>	\$ <u>695</u>
ACCUMULATED DEFERRED INCOME TAXES				
281	Accumulated Deferred Income Taxes - Accelerated Depreciation		\$ _____	\$ _____
282	Accumulated Deferred Income Taxes - Liberalized Depreciation		_____	_____
283	Accumulated Deferred Income Taxes - Other		_____	_____
Total Accumulated Deferred Income Tax			\$ <u>0</u>	\$ <u>0</u>
TOTAL EQUITY CAPITAL AND LIABILITIES			\$ <u>324,043</u>	\$ <u>375,526</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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COMPARATIVE OPERATING STATEMENT

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR * (e)
UTILITY OPERATING INCOME				
400	Operating Revenues	F-3(b)	\$ 246,345	\$ 284,221
469, 530	Less: Guaranteed Revenue and AFPI	F-3(b)	0	0
Net Operating Revenues			\$ 246,345	\$ 284,221
401	Operating Expenses	F-3(b)	\$ 224,859	\$ 237,668
403	Depreciation Expense:	F-3(b)	\$ 8,373	\$ 10,752
	Less: Amortization of CIAC	F-22	21	21
Net Depreciation Expense			\$ 8,352	\$ 10,731
406	Amortization of Utility Plant Acquisition Adjustment	F-3(b)		0
407	Amortization Expense (Other than CIAC)	F-3(b)		0
408	Taxes Other Than Income	W/S-3	15,969	17,469
409	Current Income Taxes	W/S-3		0
410.1	Deferred Federal Income Taxes	W/S-3		0
410.11	Deferred State Income Taxes	W/S-3		0
411.1	Provision for Deferred Income Taxes - Credit	W/S-3		0
412.1	Investment Tax Credits Deferred to Future Periods	W/S-3		0
412.11	Investment Tax Credits Restored to Operating Income	W/S-3		0
Utility Operating Expenses			\$ 249,180	\$ 265,868
Net Utility Operating Income			\$ (2,835)	\$ 18,353
469, 530	Add Back: Guaranteed Revenue and AFPI	F-3(b)		0
413	Income From Utility Plant Leased to Others			0
414	Gains (losses) From Disposition of Utility Property			0
420	Allowance for Funds Used During Construction			0
Total Utility Operating Income [Enter here and on Page F-3(c)]			\$ (2,835)	\$ 18,353

* For each account, Column e should agree with Columns f, g and h on F-3(b)

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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COMPARATIVE OPERATING STATEMENT (Cont'd)

WATER SCHEDULE W-3 * (f)	WASTEWATER SCHEDULE S-3 * (g)	OTHER THAN REPORTING SYSTEMS (h)
\$ 0 0	\$ 284,221 0	\$ _____
\$ 0	\$ 284,221	\$ 0
\$ 0	\$ 237,668	\$ _____
0 0	10,752 21	_____
\$ 0	\$ 10,731	\$ 0
0 0 0 0 0 0 0 0 0 0	0 0 17,469 0 0 0 0 0 0 0	_____ _____ _____ _____ _____ _____ _____ _____ _____ _____
\$ 0	\$ 265,868	\$ 0
\$ 0	\$ 18,353	\$ 0
0 0 0 0	0 0 0 0	_____ _____ _____ _____
\$ 0	\$ 18,353	\$ 0

* Total of Schedules W-3 / S-3 for all rate groups.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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COMPARATIVE OPERATING STATEMENT (Cont'd)

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
Total Utility Operating Income [from page F-3(a)]			\$ <u>(2,835)</u>	\$ <u>18,353</u>
OTHER INCOME AND DEDUCTIONS				
415	Revenues-Merchandising, Jobbing, and Contract Deductions		\$ <u>0</u>	\$ _____
416	Costs & Expenses of Merchandising Jobbing, and Contract Work		_____	_____
419	Interest and Dividend Income		_____	_____
421	Nonutility Income		_____	_____
426	Miscellaneous Nonutility Expenses		_____	_____
Total Other Income and Deductions			\$ <u>0</u>	\$ <u>0</u>
TAXES APPLICABLE TO OTHER INCOME				
408.2	Taxes Other Than Income		\$ _____	\$ _____
409.2	Income Taxes		_____	_____
410.2	Provision for Deferred Income Taxes		_____	_____
411.2	Provision for Deferred Income Taxes - Credit		_____	_____
412.2	Investment Tax Credits - Net		_____	_____
412.3	Investment Tax Credits Restored to Operating Income		_____	_____
Total Taxes Applicable To Other Income			\$ <u>0</u>	\$ <u>0</u>
INTEREST EXPENSE				
427	Interest Expense	F-19	\$ <u>61,376</u>	\$ <u>58,882</u>
428	Amortization of Debt Discount & Expense	F-13	_____	_____
429	Amortization of Premium on Debt	F-13	_____	_____
Total Interest Expense			\$ <u>61,376</u>	\$ <u>58,882</u>
EXTRAORDINARY ITEMS				
433	Extraordinary Income		\$ _____	\$ _____
434	Extraordinary Deductions		_____	_____
409.3	Income Taxes, Extraordinary Items		_____	_____
Total Extraordinary Items			\$ <u>0</u>	\$ <u>0</u>
NET INCOME			\$ <u><u>(64,211)</u></u>	\$ <u><u>(40,529)</u></u>

Explain Extraordinary Income:

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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SCHEDULE OF YEAR END RATE BASE

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	WATER UTILITY (d)	WASTEWATER UTILITY (e)
101	Utility Plant In Service	F-7	\$ 0	\$ 976,952
	Less:			
	Nonused and Useful Plant (1)			
108	Accumulated Depreciation	F-8	0	699,468
110	Accumulated Amortization	F-8	0	0
271	Contributions in Aid of Construction	F-22	0	641,756
252	Advances for Construction	F-20		
Subtotal			\$ 0	\$ (364,272)
	Add:			
272	Accumulated Amortization of Contributions in Aid of Construction	F-22	0	641,061
Subtotal			\$ 0	\$ 276,789
	Plus or Minus:			
114	Acquisition Adjustments (2)	F-7	0	0
115	Accumulated Amortization of Acquisition Adjustments (2)	F-7	0	0
	Working Capital Allowance (3)		0	29,709
	Other (Specify):			

RATE BASE			\$ 0	\$ 306,498
NET UTILITY OPERATING INCOME			\$ 0	\$ 18,353
ACHIEVED RATE OF RETURN (Operating Income / Rate Base)			0.00%	5.99%

NOTES :

- (1) Estimate based on the methodology used in the last rate proceeding.
- (2) Include only those Acquisition Adjustments that have been approved by the Commission.
- (3) Calculation consistent with last rate proceeding.
In absence of a rate proceeding, Class A utilities will use the Balance Sheet Method and Class B Utilities will use the One-eighth Operating and Maintenance Expense Method.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**SCHEDULE OF CURRENT COST OF CAPITAL
CONSISTENT WITH THE METHODOLOGY USED IN THE LAST RATE PROCEEDING (1)**

CLASS OF CAPITAL (a)	DOLLAR AMOUNT (2) (b)	PERCENTAGE OF CAPITAL (c)	ACTUAL COST RATES (3) (d)	WEIGHTED COST (c x d) (e)
	DETAIL NOT AVAILABLE			
Common Equity	\$ _____	0.00%	_____	0.00%
Preferred Stock	0	0.00%	_____	0.00%
Long Term Debt	_____	0.00%	_____	0.00%
Customer Deposits	_____	0.00%	_____	0.00%
Tax Credits - Zero Cost	0	0.00%	_____	0.00%
Tax Credits - Weighted Cost	0	0.00%	_____	0.00%
Deferred Income Taxes	0	0.00%	_____	0.00%
Other (Explain)	0	0.00%	_____	0.00%
	0	0.00%	_____	0.00%
Total	\$ 0	0.00%		0.00%

(1) If the utility's capital structure is not used, explain which capital structure is used.

(2) Should equal amounts on Schedule F-6, Column (g).

(3) Mid-point of the last authorized Return On Equity or current leverage formula if none has been established.

Must be calculated using the same methodology used in the last rate proceeding using current annual report year end amounts and cost rates.

APPROVED RETURN ON EQUITY

Current Commission Return on Equity:	10.55%
Commission order approving Return on Equity:	ORDER NO. PSC-2019-0461-PAA-SU

APPROVED AFUDC RATE

COMPLETION ONLY REQUIRED IF AFUDC WAS CHARGED DURING YEAR

Current Commission Approved AFUDC rate:	N/A
Commission order approving AFUDC rate:	N/A

If any utility capitalized any charge in lieu of AFUDC (such as interest only), state the basis of the charge, an explanation as to why AFUDC was not charged and the percentage capitalized.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**UTILITY PLANT
ACCOUNTS 101 - 106**

ACCT. NO. (a)	DESCRIPTION (b)	WATER (c)	WASTEWATER (d)	OTHER THAN REPORTING SYSTEMS (e)	TOTAL (f)
101	Plant Accounts: Utility Plant In Service	\$ 0	\$ 976,952	\$	\$ 976,952
102	Utility Plant Leased to Other				0
103	Property Held for Future Use				0
104	Utility Plant Purchased or Sold				0
105	Construction Work in Progress				0
106	Completed Construction Not Classified				0
	Total Utility Plant	\$ 0	\$ 976,952	\$ 0	\$ 976,952

**UTILITY PLANT ACQUISITION ADJUSTMENTS
ACCOUNTS 114 AND 115**

Report each acquisition adjustment and related accumulated amortization separately.
For any acquisition adjustments approved by the Commission, include the Order Number.

ACCT. NO. (a)	DESCRIPTION (b)	WATER (c)	WASTEWATER (d)	OTHER THAN REPORTING SYSTEMS (e)	TOTAL (f)
114	Acquisition Adjustment	\$	\$	\$	\$ 0
					0
					0
					0
					0
	Total Plant Acquisition Adjustments	\$ 0	\$ 0	\$ 0	\$ 0
115	Accumulated Amortization	\$	\$	\$	\$ 0
					0
					0
					0
	Total Accumulated Amortization	\$ 0	\$ 0	\$ 0	\$ 0
	Net Acquisition Adjustments	\$ 0	\$ 0	\$ 0	\$ 0

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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ACCUMULATED DEPRECIATION (ACCT. 108) AND AMORTIZATION (ACCT. 110)

DESCRIPTION (a)	WATER (b)	WASTEWATER (c)	OTHER THAN REPORTING SYSTEMS (d)	TOTAL (e)
ACCUMULATED DEPRECIATION Account 108				
Balance first of year	\$ 0	\$ 744,555	\$	\$ 744,555
Credit during year:				
Accruals charged to:				
Account 108.1 (1)	\$ 0	\$ 10,752	\$	\$ 10,752
Account 108.2 (2)				0
Account 108.3 (2)				0
Other Accounts (specify):				0
				0
Salvage				0
Other Credits (Specify):				0
				0
Total Credits	\$ 0	\$ 10,752	\$ 0	\$ 10,752
Debits during year:				
Book cost of plant retired		55,839		55,839
Cost of Removal		0		0
Other Debits (specify):				0
				0
Total Debits	\$ 0	\$ 55,839	\$ 0	\$ 55,839
Balance end of year	\$ 0	\$ 699,468	\$ 0	\$ 699,468
ACCUMULATED AMORTIZATION Account 110				
Balance first of year	\$	\$	\$	\$ 0
Credit during year:				
Accruals charged to:				
Account 110.2 (3)				0
Other Accounts (specify):				0
				0
Total credits	\$ 0	\$ 0	\$ 0	\$ 0
Debits during year:				
Book cost of plant retired				0
Other debits (specify):				0
				0
Total Debits	\$ 0	\$ 0	\$ 0	\$ 0
Balance end of year	\$ 0	\$ 0	\$ 0	\$ 0

- (1) Account 108 for Class B utilities.
- (2) Not applicable for Class B utilities.
- (3) Account 110 for Class B utilities.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**REGULATORY COMMISSION EXPENSE
AMORTIZATION OF RATE CASE EXPENSE (ACCOUNTS 666 AND 766)**

DESCRIPTION OF CASE (DOCKET NO.) (a)	EXPENSE INCURRED DURING YEAR (b)	CHARGED OFF DURING YEAR	
		ACCT. (d)	AMOUNT (c)
N/A	\$ _____	_____	\$ _____
_____	_____	_____	_____
_____	_____	_____	_____
Total	\$ <u>0</u>		\$ <u>0</u>

NONUTILITY PROPERTY (ACCOUNT 121)

Report separately each item of property with a book cost of \$25,000 or more included in Account 121.
Other Items may be grouped by classes of property.

DESCRIPTION (a)	BEGINNING YEAR (b)	ADDITIONS (c)	REDUCTIONS (d)	ENDING YEAR BALANCE (e)
N/A	\$ _____	\$ _____	\$ _____	\$ _____ 0
_____	_____	_____	_____	_____ 0
_____	_____	_____	_____	_____ 0
_____	_____	_____	_____	_____ 0
Total Nonutility Property	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>

SPECIAL DEPOSITS (ACCOUNTS 132 AND 133)

Report hereunder all special deposits carried in Accounts 132 and 133.

DESCRIPTION OF SPECIAL DEPOSITS (a)	YEAR END BOOK COST (b)
SPECIAL DEPOSITS (Account 132): N/A	\$ _____
_____	_____
_____	_____
Total Special Deposits	\$ <u>0</u>
OTHER SPECIAL DEPOSITS (Account 133):	\$ _____
_____	_____
_____	_____
Total Other Special Deposits	\$ <u>0</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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INVESTMENTS AND SPECIAL FUNDS
ACCOUNTS 123 - 127

Report hereunder all investments and special funds carried in Accounts 123 through 127.

DESCRIPTION OF SECURITY OR SPECIAL FUND (a)	FACE OR PAR VALUE (b)	YEAR END BOOK COST (c)
INVESTMENT IN ASSOCIATED COMPANIES (Account 123): N/A _____ _____ _____ _____	\$ _____ _____ _____ _____	\$ _____ _____ _____ _____
Total Investment in Associated Companies		\$ <u>0</u>
UTILITY INVESTMENTS (Account 124): N/A _____ _____ _____ _____	\$ _____ _____ _____ _____	\$ _____ _____ _____ _____
Total Utility Investment		\$ <u>0</u>
OTHER INVESTMENTS (Account 125): N/A _____ _____ _____ _____	\$ _____ _____ _____ _____	\$ _____ _____ _____ _____
Total Other Investment		\$ <u>0</u>
SPECIAL FUNDS (Class A Utilities: Accounts 126 and 127; Class B Utilities: Account 127): N/A _____ _____ _____ _____		\$ _____ _____ _____ _____
Total Special Funds		\$ <u>0</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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ACCOUNTS AND NOTES RECEIVABLE - NET
ACCOUNTS 141 - 144

Report hereunder all accounts and notes receivable included in Accounts 141, 142, and 144. Amounts included in
Amounts included in Accounts 142 and 144 should be listed individually.

DESCRIPTION (a)		TOTAL (b)
CUSTOMER ACCOUNTS RECEIVABLE (Account 141):		
Manual A/R Balance	\$ 27,906	
_____	_____	
_____	_____	
Total Customer Accounts Receivable		\$ 27,906
OTHER ACCOUNTS RECEIVABLE (Account 142):		
_____	\$ _____	
_____	_____	
_____	_____	
Total Other Accounts Receivable		\$ 0
NOTES RECEIVABLE (Account 144):		
_____	\$ _____	
_____	_____	
_____	_____	
Total Notes Receivable		\$ 0
Total Accounts and Notes Receivable		\$ 27,906
ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS (Account 143)		
Balance first of year	\$ _____	
Add: Provision for uncollectibles for current year	\$ _____	
Collection of accounts previously written off	_____	
Utility Accounts	_____	
Others	_____	
_____	_____	
Total Additions	\$ 0	
Deduct accounts written off during year:		
Utility Accounts	_____	
Others	_____	
_____	_____	
Total accounts written off	\$ 0	
Balance end of year		\$ 0
TOTAL ACCOUNTS AND NOTES RECEIVABLE - NET		\$ <u>27,906</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES
ACCOUNT 145

Report each account receivable from associated companies separately.

DESCRIPTION (a)	TOTAL (b)
NONE	\$ _____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Total	\$ <u>0</u>

NOTES RECEIVABLE FROM ASSOCIATED COMPANIES
ACCOUNT 146

Report each note receivable from associated companies separately.

DESCRIPTION (a)	INTEREST RATE (b)	TOTAL (c)
_____	_____ %	\$ _____
_____	_____ %	_____
_____	_____ %	_____
_____	_____ %	_____
_____	_____ %	_____
_____	_____ %	_____
_____	_____ %	_____
_____	_____ %	_____
Total		\$ <u>0</u>

MISCELLANEOUS CURRENT AND ACCRUED ASSETS
ACCOUNT 174

DESCRIPTION - Provide itemized listing (a)	BALANCE END OF YEAR (b)
NONE	\$ _____
_____	_____
_____	_____
_____	_____
Total Miscellaneous Current and Accrued Liabilities	\$ <u>0</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND PREMIUM ON DEBT
ACCOUNTS 181 AND 251**

Report the net discount and expense or premium separately for each security issue.

DESCRIPTION (a)	AMOUNT WRITTEN OFF DURING YEAR (b)	YEAR END BALANCE (c)
UNAMORTIZED DEBT DISCOUNT AND EXPENSE (Account 181): NONE	\$ _____	\$ _____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Unamortized Debt Discount and Expense	\$ <u>0</u>	\$ <u>0</u>
UNAMORTIZED PREMIUM ON DEBT (Account 251): NONE	\$ _____	\$ _____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Unamortized Premium on Debt	\$ <u>0</u>	\$ <u>0</u>

**EXTRAORDINARY PROPERTY LOSSES
ACCOUNT 182**

Report each item separately.

DESCRIPTION (a)	TOTAL (b)
NONE	\$ _____
_____	_____
_____	_____
Total Extraordinary Property Losses	\$ <u>0</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**MISCELLANEOUS DEFERRED DEBITS
ACCOUNT 186**

DESCRIPTION - Provide itemized listing (a)	AMOUNT WRITTEN OFF DURING YEAR (b)	YEAR END BALANCE (c)
DEFERRED RATE CASE EXPENSE (Class A Utilities: Account 186.1)		
2018/19 Rate Case	\$ 884	\$ 1,767
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Deferred Rate Case Expense	\$ <u>884</u>	\$ <u>1,767</u>
OTHER DEFERRED DEBITS (Class A Utilities: Account 186.2):		
Cur DEP STP Permit	\$ 0	\$ 0
Rehab Plant #3 Blower	_____	0
Current Complete STP Upgrade	_____	0
Service Territory Expansion	30,005	60,010
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Other Deferred Debits	\$ <u>30,005</u>	\$ <u>60,010</u>
REGULATORY ASSETS (Class A Utilities: Account. 186.3):		
NONE	\$ _____	\$ _____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Regulatory Assets	\$ <u>0</u>	\$ <u>0</u>
TOTAL MISCELLANEOUS DEFERRED DEBITS	\$ <u>30,889</u>	\$ <u>61,777</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

**CAPITAL STOCK
ACCOUNTS 201 AND 204***

DESCRIPTION (a)	RATE (b)	TOTAL (c)
COMMON STOCK		
Par or stated value per share	%	\$ 1
Shares authorized		100
Shares issued and outstanding		100
Total par value of stock issued	%	\$ 100
Dividends declared per share for year	%	\$ 0
PREFERRED STOCK		
Par or stated value per share	%	\$
Shares authorized		
Shares issued and outstanding		
Total par value of stock issued	%	\$
Dividends declared per share for year	%	\$

* Account 204 not applicable for Class B utilities.

**BONDS
ACCOUNT 221**

DESCRIPTION OF OBLIGATION (INCLUDING DATE OF ISSUE AND DATE OF MATURITY) (a)	INTEREST		PRINCIPAL AMOUNT PER BALANCE SHEET (d)
	ANNUAL RATE (b)	FIXED OR VARIABLE * (c)	
	%		\$
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
Total			\$ 0

* For variable rate obligations, provide the basis for the rate. (i.e.. prime + 2%, etc.)

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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STATEMENT OF RETAINED EARNINGS

- Dividends should be shown for each class and series of capital stock. Show amounts as dividends per share.
- Show separately the state and federal income tax effect of items shown in Account No. 439.

ACCT. NO. (a)	DESCRIPTION (b)	AMOUNTS (c)
215	Unappropriated Retained Earnings: Balance Beginning of Year	\$ (951,926)
439	Changes to Account: Adjustments to Retained Earnings (requires Commission approval prior to use): Credits: _____ _____	\$ _____ _____
	Total Credits:	\$ 0
	Debits: _____ _____	\$ _____ _____
	Total Debits:	\$ 0
435	Balance Transferred from Income	\$ (40,529)
436	Appropriations of Retained Earnings: _____ _____	_____ _____
	Total Appropriations of Retained Earnings	\$ 0
437	Dividends Declared: Preferred Stock Dividends Declared _____	_____ _____
438	Common Stock Dividends Declared _____ _____	_____ _____
	Total Dividends Declared	\$ 0
215	Year end Balance	\$ (992,455)
214	Appropriated Retained Earnings (state balance and purpose of each appropriated amount at year end): _____ _____ _____	_____ _____ _____
214	Total Appropriated Retained Earnings	\$ 0
	Total Retained Earnings	\$ (992,455)
Notes to Statement of Retained Earnings:		

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

**ADVANCES FROM ASSOCIATED COMPANIES
ACCOUNT 223**

Report each advance separately.

DESCRIPTION (a)	TOTAL (b)
NONE	\$ _____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Total	\$ <u>0</u>

**OTHER LONG-TERM DEBT
ACCOUNT 224**

DESCRIPTION OF OBLIGATION (INCLUDING DATE OF ISSUE AND DATE OF MATURITY) (a)	INTEREST		PRINCIPAL AMOUNT PER BALANCE SHEET (d)
	ANNUAL RATE (b)	FIXED OR VARIABLE * (c)	
Intercoastal 0447	6.00 %	Fixed	\$ 877,976
PNC 4608	11.00 %	Fixed	14,086
PNC 5718	15.49 %	Fixed	8,488
Seacoast/Floridian 7000	6.00 %	Fixed	75,000
Intercoastal 4301	5.25 %	Fixed	106,954
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
_____	%		
Total			\$ <u>1,082,504</u>

* For variable rate obligations, provide the basis for the rate. (i.e.. prime + 2%, etc.)

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**ACCRUED INTEREST AND EXPENSE
ACCOUNTS 237 AND 427**

DESCRIPTION OF DEBIT (a)	BALANCE BEGINNING OF YEAR (b)	INTEREST ACCRUED DURING YEAR		INTEREST PAID DURING YEAR (e)	BALANCE END OF YEAR (f)
		ACCT. DEBIT (c)	AMOUNT (d)		
ACCOUNT NO. 237.1 - Accrued Interest on Long Term Debt					
Intercoastal 0447	\$ _____		\$ 43,702	\$ 43,702	\$ _____
Floridian 7000	_____		4,575	4,575	_____
PNC 4608/PNC 5718	_____		2,884	2,884	_____
Intercoastal 4301	_____		7,721	7,721	_____
Total Account 237.1	\$ <u>0</u>		\$ <u>58,882</u>	\$ <u>58,882</u>	\$ <u>0</u>
ACCOUNT NO. 237.2 - Accrued Interest on Other Liabilities					
_____	\$ _____	427	\$ _____	_____	\$ _____
_____	_____		_____	_____	_____
_____	_____		_____	_____	_____
Total Account 237.2	\$ <u>0</u>		\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>
Total Account 237 (1)	\$ <u>0</u>		\$ <u>58,882</u>	\$ <u>58,882</u>	\$ <u>0</u>
INTEREST EXPENSED:					
Total accrual Account 237		237	\$ 58,882		
Less Capitalized Interest Portion of AFUDC:			_____		
_____			_____		
_____			_____		
Net Interest Expensed to Account No. 427 (2)			\$ <u>58,882</u>		

(1) Must agree to F-2 (a), Beginning and Ending Balance of Accrued Interest.

(2) Must agree to F-3 (c), Current Year Interest Expense

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES
ACCOUNT 241**

DESCRIPTION - Provide itemized listing (a)	BALANCE END OF YEAR (b)
NONE	\$ _____
_____	_____
_____	_____
_____	_____
Total Miscellaneous Current and Accrued Liabilities	\$ <u>0</u>

**ADVANCES FOR CONSTRUCTION
ACCOUNT 252**

NAME OF PAYOR * (a)	BALANCE BEGINNING OF YEAR (b)	DEBITS		CREDITS (e)	BALANCE END OF YEAR (f)
		ACCT. DEBIT (c)	AMOUNT (d)		
NONE	\$ _____		\$ _____	\$ _____	\$ _____
_____	_____		_____	_____	0
_____	_____		_____	_____	0
_____	_____		_____	_____	0
_____	_____		_____	_____	0
_____	_____		_____	_____	0
_____	_____		_____	_____	0
_____	_____		_____	_____	0
_____	_____		_____	_____	0
Total	\$ <u>0</u>		\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>

* Report advances separately by reporting group, designating water or wastewater in column (a).

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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**OTHER DEFERRED CREDITS
ACCOUNT 253**

DESCRIPTION - Provide itemized listing (a)	AMOUNT WRITTEN OFF DURING YEAR (b)	YEAR END BALANCE (c)
REGULATORY LIABILITIES (Class A Utilities: Account 253.1):		
NONE	\$ _____	\$ _____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Regulatory Liabilities	\$ _____	\$ _____
OTHER DEFERRED LIABILITIES (Class A Utilities: Account 253.2):		
NONE	\$ _____	\$ _____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Other Deferred Liabilities	\$ _____	\$ _____
TOTAL OTHER DEFERRED CREDITS	\$ _____	\$ _____

UTILITY NAME: North Peninsula Utilities Corporation

**CONTRIBUTIONS IN AID OF CONSTRUCTION
ACCOUNT 271**

DESCRIPTION (a)	WATER (W-7) (b)	WASTEWATER (S-7) (c)	W & WW OTHER THAN SYSTEM REPORTING (d)	TOTAL (e)
Balance first of year	\$ <u>0</u>	\$ <u>641,756</u>	\$ _____	\$ <u>641,756</u>
Add credits during year:	\$ <u>0</u>	\$ <u>0</u>	\$ _____	\$ <u>0</u>
Less debit charged during the year	\$ <u>0</u>	\$ <u>0</u>	\$ _____	\$ <u>0</u>
Total Contribution In Aid of Construction	\$ <u>0</u>	\$ <u>641,756</u>	\$ <u>0</u>	\$ <u>641,756</u>

**ACCUMULATED AMORTIZATION OF CONTRIBUTIONS IN AID OF CONSTRUCTION
ACCOUNT 272**

DESCRIPTION (a)	WATER (W-8(a)) (b)	WASTEWATER (S-8(a)) (c)	W & WW OTHER THAN SYSTEM REPORTING (d)	TOTAL (e)
Balance first of year	\$ <u>0</u>	\$ <u>641,040</u>	\$ _____	\$ <u>641,040</u>
Debits during the year:	\$ <u>0</u>	\$ <u>21</u>	\$ _____	\$ <u>21</u>
Credits during the year	\$ <u>0</u>	\$ <u>0</u>	\$ _____	\$ <u>0</u>
Total Accumulated Amortization of Contributions In Aid of Construction	\$ <u>0</u>	\$ <u>641,061</u>	\$ <u>0</u>	\$ <u>641,061</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES (UTILITY OPERATIONS)

- The reconciliation should include the same detail as furnished on Schedule M-1 of the federal tax return for the year. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount and show the computations of all tax accruals.
- If the utility is a member of a group which files a consolidated federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignments or sharing of the consolidated tax among the group members.

DESCRIPTION (a)	REF. NO. (b)	AMOUNT (c)
Net income for the year	F-3(c)	\$ (40,529)
Reconciling items for the year:		
Taxable income not reported on books:		
NONE		
_____		_____
_____		_____
_____		_____
Deductions recorded on books not deducted for return:		
NONE		
_____		_____
_____		_____
_____		_____
Income recorded on books not included in return:		
NONE		
_____		_____
_____		_____
_____		_____
Deduction on return not charged against book income:		
NONE		
_____		_____
_____		_____
_____		_____

Federal tax net income	\$ <u>(40,529)</u>
------------------------	--------------------

Computation of tax :

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WATER OPERATION SECTION

**North Peninsula Utilities Corporation is a Wastewater Only
Utility and all Water Schedules are omitted.**

**WASTEWATER
OPERATION
SECTION**

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

SCHEDULE OF YEAR END WASTEWATER RATE BASE

ACCT. NO. (a)	ACCOUNT NAME (b)	REFERENCE PAGE (c)	WASTEWATER UTILITY (d)
101	Utility Plant In Service	S-4(a)	\$ 976,952
	Less:		
	Nonused and Useful Plant (1)		
108	Accumulated Depreciation	S-6(b)	699,468
110	Accumulated Amortization	F-8	0
271	Contributions in Aid of Construction	S-7	641,756
252	Advances for Construction	F-20	
Subtotal			\$ (364,272)
	Add:		
272	Accumulated Amortization of Contributions in Aid of Construction	S-8(a)	\$ 641,061
Subtotal			\$ 276,789
	Plus or Minus:		
114	Acquisition Adjustments (2)	F-7	
115	Accumulated Amortization of Acquisition Adjustments (2)	F-7	
	Working Capital Allowance (3)		29,709
	Other (Specify):		
WASTEWATER RATE BASE			\$ 306,498
WASTEWATER OPERATING INCOME		S-3	\$ 18,353
ACHIEVED RATE OF RETURN (Wastewater Operating Income / Wastewater Rate Base)			5.99%

NOTES : (1) Estimate based on the methodology used in the last rate proceeding.

(2) Include only those Acquisition Adjustments that have been approved by the Commission.

(3) Calculation consistent with last rate proceeding.

In absence of a rate proceeding, Class A utilities will use the Balance Sheet Method and Class B Utilities will use the One-eighth Operating and Maintenance Expense Method.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
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SYSTEM NAME / COUNTY : Volusia

WASTEWATER OPERATING STATEMENT

ACCT. NO. (a)	ACCOUNT NAME (b)	REFERENCE PAGE (c)	WASTEWATER UTILITY (d)
UTILITY OPERATING INCOME			
400	Operating Revenues	S-9(a)	\$ 284,221
530	Less: Guaranteed Revenue (and AFPI)	S-9(a)	0
Net Operating Revenues			\$ 284,221
401	Operating Expenses	S-10(a)	\$ 237,668
403	Depreciation Expense	S-6(a)	10,752
	Less: Amortization of CIAC	S-8(a)	21
Net Depreciation Expense			\$ 10,731
406	Amortization of Utility Plant Acquisition Adjustment	F-7	
407	Amortization Expense (Other than CIAC)	F-8	0
408.10	Taxes Other Than Income Utility Regulatory Assessment Fee		12,790
408.11	Property Taxes		4,679
408.12	Payroll Taxes		
408.13	Other Taxes and Licenses		
408	Total Taxes Other Than Income		\$ 17,469
409.1	Income Taxes		
410.10	Deferred Federal Income Taxes		
410.11	Deferred State Income Taxes		
411.10	Provision for Deferred Income Taxes - Credit		
412.10	Investment Tax Credits Deferred to Future Periods		
412.11	Investment Tax Credits Restored to Operating Income		
Utility Operating Expenses			\$ 265,868
Utility Operating Income			\$ 18,353
Add Back:			
530	Guaranteed Revenue (and AFPI)	S-9(a)	\$ 0
413	Income From Utility Plant Leased to Others		
414	Gains (losses) From Disposition of Utility Property		
420	Allowance for Funds Used During Construction		
Total Utility Operating Income			\$ 18,353

UTILITY NAME: North Peninsula Utilities Corporation

SYSTEM NAME / COUNTY : Volusia

WASTEWATER UTILITY PLANT ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	ADDITIONS (d)	RETIREMENTS (e)	CURRENT YEAR (f)
351	Organization	\$ 0		\$	\$ 0
352	Franchises	6,310			6,310
353	Land and Land Rights	46,800			46,800
354	Structures and Improvements	152,378			152,378
355	Power Generation Equipment	0			0
360	Collection Sewers - Force	296,865			296,865
361	Collection Sewers - Gravity	5,379			5,379
362	Special Collecting Structures	0			0
363	Services to Customers	30,436			30,436
364	Flow Measuring Devices	2,500	1,776		4,276
365	Flow Measuring Installations	0			0
366	Reuse Services	0			0
367	Reuse Meters and Meter Installations	0			0
370	Receiving Wells	14,044			14,044
371	Pumping Equipment	42,543	17,885	11,332	49,096
374	Reuse Distribution Reservoirs	0			0
375	Reuse Transmission and Distribution System	0			0
380	Treatment and Disposal Equipment	345,630	70,245	44,507	371,368
381	Plant Sewers	0			0
382	Outfall Sewer Lines	0			0
389	Other Plant Miscellaneous Equipment	0			0
390	Office Furniture and Equipment	0			0
391	Transportation Equipment	0			0
392	Stores Equipment	0			0
393	Tools, Shop and Garage Equipment	0			0
394	Laboratory Equipment	0			0
395	Power Operated Equipment	0			0
396	Communication Equipment	0			0
397	Miscellaneous Equipment	0			0
398	Other Tangible Plant	0			0
Total Wastewater Plant		\$ 942,885	\$ 89,906	\$ 55,839	\$ 976,952

NOTE: Any adjustments made to reclassify property from one account to another must be footnoted.
Accounts Adjusted to account for FPSC ORDER NO. PSC-2019-0461-PAA-SU.

UTILITY NAME: North Peninsula Utilities Corporation

SYSTEM NAME / COUNTY : Volusia

WASTEWATER UTILITY PLANT MATRIX

ACCT. NO. (a)	ACCOUNT NAME (b)	.1 INTANGIBLE PLANT (g)	.2 COLLECTION PLANT (h)	.3 SYSTEM PUMPING PLANT (i)	.4 TREATMENT AND DISPOSAL (j)	.5 RECLAIMED WASTEWATER TREATMENT PLANT (i)	.6 RECLAIMED WASTEWATER DISTRIBUTION PLANT (j)	.7 GENERAL PLANT (k)
351	Organization	\$						
352	Franchises	6,310						
353	Land and Land Rights				46,800			
354	Structures and Improvements				152,378			
355	Power Generation Equipment							
360	Collection Sewers - Force		296,865					
361	Collection Sewers - Gravity		5,379					
362	Special Collecting Structures							
363	Services to Customers		30,436					
364	Flow Measuring Devices		4,276					
365	Flow Measuring Installations							
366	Reuse Services							
367	Reuse Meters and Meter Installations							
370	Receiving Wells			14,044				
371	Pumping Equipment			49,096				
374	Reuse Distribution Reservoirs							
375	Reuse Transmission and Distribution System							
380	Treatment and Disposal Equipment				371,368			
381	Plant Sewers							
382	Outfall Sewer Lines							
389	Other Plant Miscellaneous Equipment							
390	Office Furniture and Equipment							
391	Transportation Equipment							
392	Stores Equipment							
393	Tools, Shop and Garage Equipment							
394	Laboratory Equipment							
395	Power Operated Equipment							
396	Communication Equipment							
397	Miscellaneous Equipment							
398	Other Tangible Plant							
Total Wastewater Plant		\$ 6,310	\$ 336,956	\$ 63,140	\$ 570,546	\$ 0	\$ 0	\$

NOTE: Any adjustments made to reclassify property from one account to another must be footnoted.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

BASIS FOR WASTEWATER DEPRECIATION CHARGES

ACCT. NO. (a)	ACCOUNT NAME (b)	AVERAGE SERVICE LIFE IN YEARS (c)	AVERAGE NET SALVAGE IN PERCENT (d)	DEPRECIATION RATE APPLIED IN PERCENT (100% - D) / C (e)
354	Structures and Improvements	32		3.13%
355	Power Generation Equipment			
360	Collection Sewers - Force	30		3.33%
361	Collection Sewers - Gravity	45		2.22%
362	Special Collecting Structures			
363	Services to Customers	38		2.63%
364	Flow Measuring Devices	5		20.00%
365	Flow Measuring Installations			
366	Reuse Services			
367	Reuse Meters and Meter Installations			
370	Receiving Wells	30		3.33%
371	Pumping Equipment	18		5.56%
374	Reuse Distribution Reservoirs			
375	Reuse Transmission/Distribution Sys.			
380	Treatment and Disposal Equipment	18		5.56%
381	Plant Sewers			
382	Outfall Sewer Lines			
389	Other Plant Miscellaneous Equipment			
390	Office Furniture and Equipment			
391	Transportation Equipment			
392	Stores Equipment			
393	Tools, Shop and Garage Equipment			
394	Laboratory Equipment			
395	Power Operated Equipment			
396	Communication Equipment			
397	Miscellaneous Equipment			
352	Franchises	40		2.50%
Wastewater Plant Composite Depreciation Rate *				

* If depreciation rates prescribed by this Commission are on a total composite basis, entries should be made on this line only.

YEAR OF REPORT

December 31, 2020

UTILITY NAME: North Peninsula Utilities Corporation

SYSTEM NAME / COUNTY : Volusia

ANALYSIS OF ENTRIES IN WASTEWATER ACCUMULATED DEPRECIATION

ACCT. NO. (a)	ACCOUNT NAME (b)	BALANCE AT BEGINNING OF YEAR (c)	ACCRUALS (d)	OTHER CREDITS * (e)	TOTAL CREDITS (d + e) (f)
354	Structures and Improvements	\$ 137,739	\$ 4,762		\$ 4,762
355	Power Generation Equipment	0			0
360	Collection Sewers - Force	263,313			0
361	Collection Sewers - Gravity	3,433	120		120
362	Special Collecting Structures	0			0
363	Services to Customers	29,131	38		38
364	Flow Measuring Devices	250	678		678
365	Flow Measuring Installations	0			0
366	Reuse Services	0			0
367	Reuse Meters and Meter Installations	0			0
370	Receiving Wells	2,958	468		468
371	Pumping Equipment	1,752	1,032		1,032
374	Reuse Distribution Reservoirs	0			0
375	Reuse Transmission/Distribution Sys.	0			0
380	Treatment and Disposal Equipment	299,669	3,654		3,654
381	Plant Sewers	0			0
382	Outfall Sewer Lines	0			0
389	Other Plant Miscellaneous Equipment	0			0
390	Office Furniture and Equipment	0			0
391	Transportation Equipment	0			0
392	Stores Equipment	0			0
393	Tools, Shop and Garage Equipment	0			0
394	Laboratory Equipment	0			0
395	Power Operated Equipment	0			0
396	Communication Equipment	0			0
397	Miscellaneous Equipment	0			0
352	Franchises	6,310			0
Total Depreciable Wastewater Plant in Service		\$ 744,555	\$ 10,752	\$ 0	\$ 10,752

* Specify nature of transaction.
Use () to denote reversal entries.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

ANALYSIS OF ENTRIES IN WASTEWATER ACCUMULATED DEPRECIATION

ACCT. NO. (a)	ACCOUNT NAME (b)	PLANT RETIRED (g)	SALVAGE AND INSURANCE (h)	COST OF REMOVAL AND OTHER CHARGES (i)	TOTAL CHARGES (g-h+i) (j)	BALANCE AT END OF YEAR (c+f-j) (k)
354	Structures and Improvements	\$			0	142,501
355	Power Generation Equipment				0	0
360	Collection Sewers - Force				0	263,313
361	Collection Sewers - Gravity				0	3,553
362	Special Collecting Structures				0	0
363	Services to Customers				0	29,169
364	Flow Measuring Devices				0	928
365	Flow Measuring Installations				0	0
366	Reuse Services				0	0
367	Reuse Meters and Meter Installations				0	0
370	Receiving Wells				0	3,426
371	Pumping Equipment	11,332			11,332	(8,548)
374	Reuse Distribution Reservoirs				0	0
375	Reuse Transmission/Distribution Sys.				0	0
380	Treatment and Disposal Equipment	44,507			44,507	258,816
381	Plant Sewers				0	0
382	Outfall Sewer Lines				0	0
389	Other Plant Miscellaneous Equipment				0	0
390	Office Furniture and Equipment				0	0
391	Transportation Equipment				0	0
392	Stores Equipment				0	0
393	Tools, Shop and Garage Equipment				0	0
394	Laboratory Equipment				0	0
395	Power Operated Equipment				0	0
396	Communication Equipment				0	0
397	Miscellaneous Equipment				0	0
352	Franchises				0	6,310
Total Depreciable Wastewater Plant in Service		\$ 55,839	\$ 0	\$ 0	\$ 55,839	\$ 699,468

* Specify nature of transaction.
Use () to denote reversal entries.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

WASTEWATER CIAC SCHEDULE "A"

ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION RECEIVED FROM CAPACITY,
 MAIN EXTENSION AND CUSTOMER CONNECTION CHARGES RECEIVED DURING THE YEAR

DESCRIPTION OF CHARGE (a)	NUMBER OF CONNECTIONS (b)	CHARGE PER CONNECTION (c)	AMOUNT (d)
_____	_____	\$ _____	\$ _____ 0
_____	_____	_____	_____ 0
_____	_____	_____	_____ 0
_____	_____	_____	_____ 0
_____	_____	_____	_____ 0
_____	_____	_____	_____ 0
_____	_____	_____	_____ 0
_____	_____	_____	_____ 0
_____	_____	_____	_____ 0
Total Credits			\$ _____ 0

ACCUMULATED AMORTIZATION OF WASTEWATER CONTRIBUTIONS IN AID OF CONSTRUCTION

DESCRIPTION (a)	WASTEWATER (b)
Balance first of year	\$ _____ 641,040
Debits during the year:	
Accruals charged to Account 272	\$ _____ 21
Other debits (specify):	_____
_____	_____
Total debits	\$ _____ 21
Credits during the year (specify):	\$ _____
_____	_____
Total credits	\$ _____ 0
Balance end of year	\$ _____ 641,061

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

WASTEWATER OPERATING REVENUE

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS * (c)	YEAR END NUMBER OF CUSTOMERS * (d)	AMOUNTS (e)
WASTEWATER SALES				
	Flat Rate Revenues:			
521.1	Residential Revenues	600	602	\$ 276,779
521.2	Commercial Revenues	1	1	5,682
521.3	Industrial Revenues			
521.4	Revenues From Public Authorities			
521.5	Multiple Family Dwelling Revenues			
521.6	Other Revenues			
521	Total Flat Rate Revenues	601	603	\$ 282,461
	Measured Revenues:			
522.1	Residential Revenues	None		
522.2	Commercial Revenues			
522.3	Industrial Revenues			
522.4	Revenues From Public Authorities			
522.5	Multiple Family Dwelling Revenues			
522	Total Measured Revenues	0	0	\$ 0
523	Revenues From Public Authorities			
524	Revenues From Other Systems			
525	Interdepartmental Revenues			
Total Wastewater Sales		601	603	\$ 282,461
OTHER WASTEWATER REVENUES				
530	Guaranteed Revenues (Including Allowance for Funds Prudently Invested or AFPI)			\$
531	Sale of Sludge			
532	Forfeited Discounts			
534	Rents From Wastewater Property			
535	Interdepartmental Rents			
536	Other Wastewater Revenues			1,760
Total Other Wastewater Revenues				\$ 1,760

* Customer is defined by Rule 25-30.210(1), Florida Administrative Code.

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

WASTEWATER OPERATING REVENUE

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS * (c)	YEAR END NUMBER OF CUSTOMERS * (d)	AMOUNTS (e)
RECLAIMED WATER SALES				
	Flat Rate Reuse Revenues:			
540.1	Residential Reuse Revenues	_____	_____	\$ _____
540.2	Commercial Reuse Revenues	_____	_____	_____
540.3	Industrial Reuse Revenues	_____	_____	_____
540.4	Reuse Revenues From Public Authorities	_____	_____	_____
540.5	Other Revenues	_____	_____	_____
540	Total Flat Rate Reuse Revenues	0	0	\$ _____ 0
	Measured Reuse Revenues:			
541.1	Residential Reuse Revenues	_____	_____	_____
541.2	Commercial Reuse Revenues	_____	_____	_____
541.3	Industrial Reuse Revenues	_____	_____	_____
541.4	Reuse Revenues From Public Authorities	_____	_____	_____
541	Total Measured Reuse Revenues	0	0	\$ _____ 0
544	Reuse Revenues From Other Systems			
Total Reclaimed Water Sales				\$ _____ 0
Total Wastewater Operating Revenues				\$ <u>284,221</u>

* Customer is defined by Rule 25-30.210(1), Florida Administrative Code.

YEAR OF REPORT December 31, 2020
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UTILITY NAME: North Peninsula Utilities Corporation

SYSTEM NAME / COUNTY : Volusia

WASTEWATER UTILITY EXPENSE ACCOUNT MATRIX

ACCT. NO. (a)	ACCOUNT NAME (b)	CURRENT YEAR (c)	.1	.2	.3	.4	.5	.6
			COLLECTION EXPENSES- OPERATIONS (d)	COLLECTION EXPENSES- MAINTENANCE (e)	PUMPING EXPENSES - OPERATIONS (f)	PUMPING EXPENSES - MAINTENANCE (g)	TREATMENT & DISPOSAL EXPENSES - OPERATIONS (h)	TREATMENT & DISPOSAL EXPENSES - MAINTENANCE (i)
701	Salaries and Wages - Employees	\$ 0	\$					
703	Salaries and Wages - Officers, Directors and Majority Stockholders	0						
704	Employee Pensions and Benefits	0						
710	Purchased Sewage Treatment	0						
711	Sludge Removal Expense	33,038					33,038	
715	Purchased Power	12,697					12,697	
716	Fuel for Power Production	0						
718	Chemicals	7,103					7,103	
720	Materials and Supplies	808					808	
731	Contractual Services-Engineering	1,598						
732	Contractual Services - Accounting	5,425						
733	Contractual Services - Legal	761						
734	Contractual Services - Mgt. Fees	92,085						
735	Contractual Services - Testing	10,926						
736	Contractual Services - Other	30,018						
741	Rental of Building/Real Property	0						
742	Rental of Equipment	0						
750	Transportation Expenses	273						
756	Insurance - Vehicle	0						
757	Insurance - General Liability	1,499						
758	Insurance - Workman's Comp.	0						
759	Insurance - Other	0						
760	Advertising Expense	0						
766	Regulatory Commission Expenses - Amortization of Rate Case Expense	884						
767	Regulatory Commission Exp.-Other	30,005						
770	Bad Debt Expense	0						
775	Miscellaneous Expenses	10,548						
Total Wastewater Utility Expenses		\$ 237,668	\$ 0	\$ 0	\$ 0	\$ 0	\$ 53,646	\$ 0

UTILITY NAME: North Peninsula Utilities Corporation

SYSTEM NAME / COUNTY : Volusia

WASTEWATER UTILITY EXPENSE ACCOUNT MATRIX

ACCT. NO. (a)	ACCOUNT NAME (b)	.7	.8	.9	.10	.11	.12
		CUSTOMER ACCOUNTS EXPENSE (j)	ADMIN. & GENERAL EXPENSES (k)	RECLAIMED WATER TREATMENT EXPENSES- OPERATIONS (l)	RECLAIMED WATER TREATMENT EXPENSES- MAINTENANCE (m)	RECLAIMED WATER DISTRIBUTION EXPENSES- OPERATIONS (n)	RECLAIMED WATER DISTRIBUTION EXPENSES- MAINTENANCE (o)
701	Salaries and Wages - Employees	\$ _____	_____	_____	_____	_____	_____
703	Salaries and Wages - Officers, Directors and Majority Stockholders	_____	_____	_____	_____	_____	_____
704	Employee Pensions and Benefits	_____	_____	_____	_____	_____	_____
710	Purchased Sewage Treatment	_____	_____	_____	_____	_____	_____
711	Sludge Removal Expense	_____	_____	_____	_____	_____	_____
715	Purchased Power	_____	_____	_____	_____	_____	_____
716	Fuel for Power Purchased	_____	_____	_____	_____	_____	_____
718	Chemicals	_____	_____	_____	_____	_____	_____
720	Materials and Supplies	_____	_____	_____	_____	_____	_____
731	Contractual Services-Engineering	_____	1,598	_____	_____	_____	_____
732	Contractual Services - Accounting	_____	5,425	_____	_____	_____	_____
733	Contractual Services - Legal	_____	761	_____	_____	_____	_____
734	Contractual Services - Mgt. Fees	_____	92,085	_____	_____	_____	_____
735	Contractual Services - Testing	_____	10,926	_____	_____	_____	_____
736	Contractual Services - Other	_____	30,018	_____	_____	_____	_____
741	Rental of Building/Real Property	_____	_____	_____	_____	_____	_____
742	Rental of Equipment	_____	_____	_____	_____	_____	_____
750	Transportation Expenses	_____	273	_____	_____	_____	_____
756	Insurance - Vehicle	_____	_____	_____	_____	_____	_____
757	Insurance - General Liability	_____	1,499	_____	_____	_____	_____
758	Insurance - Workman's Comp.	_____	_____	_____	_____	_____	_____
759	Insurance - Other	_____	_____	_____	_____	_____	_____
760	Advertising Expense	_____	_____	_____	_____	_____	_____
766	Regulatory Commission Expenses - Amortization of Rate Case Expense	_____	884	_____	_____	_____	_____
767	Regulatory Commission Exp.-Other	_____	30,005	_____	_____	_____	_____
770	Bad Debt Expense	_____	_____	_____	_____	_____	_____
775	Miscellaneous Expenses	_____	10,548	_____	_____	_____	_____
Total Wastewater Utility Expenses		\$ <u>0</u>	\$ <u>184,022</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0		0
5/8"	Displacement	1.0	592	592
3/4"	Displacement	1.5		0
1"	Displacement	2.5		0
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0	1	14
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				<u>606</u>

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day})$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

UTILITY NAME: North Peninsula Utilities Corporation

YEAR OF REPORT December 31, 2020
--

SYSTEM NAME / COUNTY : Volusia

WASTEWATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>181,000</u>	<u>GPD(k)</u>	<u> </u>
Basis of Permit Capacity (1)	<u> </u>	<u> </u>	<u> </u>
Manufacturer	<u>McNeil</u>	<u> </u>	<u> </u>
Type (2)	<u>Contact Stabilization</u>	<u> </u>	<u> </u>
Hydraulic Capacity	<u>210,000</u>	<u>GPD</u>	<u> </u>
Average Daily Flow	<u>0.04698</u>	<u> </u>	<u> </u>
Total Gallons of Wastewater Treated	<u>17,150,000</u>	<u> </u>	<u> </u>
Method of Effluent Disposal	<u>RIB</u>	<u> </u>	<u> </u>

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME: North Peninsula Utilities Corporation

SYSTEM NAME / COUNTY : Volusia

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs* now being served 606
2. Maximum number of ERCs* which can be served 699
3. Present system connection capacity (in ERCs*) using existing lines 699
4. Future connection capacity (in ERCs*) upon service area buildout 699
5. Estimated annual increase in ERCs* Stable 0-2
6. Describe any plans and estimated completion dates for any enlargements or improvements of this system
System in constant need of repair
STP needs complete overhaul
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A
8. If the utility does not engage in reuse, has a reuse feasibility study been completed? No
 If so, when? N/A
9. Has the utility been required by the DEP or water management district to implement reuse? No
 If so, what are the utility's plans to comply with this requirement? N/A
10. When did the company last file a capacity analysis report with the DEP? Unknown
11. If the present system does not meet the requirements of DEP rules:
 - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
 - b. Have these plans been approved by DEP? N/A
 - c. When will construction begin? N/A
 - d. Attach plans for funding the required upgrading.
 - e. Is this system under any Consent Order with DEP? No
12. Department of Environmental Protection ID # FLA011188

* An ERC is determined based on the calculation on S-11.

**RECONCILIATION OF REVENUE
TO REGULATORY ASSESSMENT
FEE REVENUE**

**Reconciliation of Revenue to
Regulatory Assessment Fee Revenue
Wastewater Operations
Class A & B**

**Company: North Peninsula Utilities Company
For the Year Ended December 31, 2020**

(a)	(b)	(c)	(d)
Accounts	Gross Wastewater Revenues Per Sch. S-9	Gross Wastewater Revenues Per RAF Return	Difference (b) - (c)
Gross Revenue:			
Total Flat-Rate Revenues (521.1 - 521.6)	\$ 282,461.00	\$ 282,461.00	\$ -
Total Measured Revenues (522.1 - 522.5)			
Revenues from Public Authorities (523)			
Revenues from Other Systems (524)			
Interdepartmental Revenues (525)			
Total Other Wastewater Revenues (530 - 536)	\$ 1,760.00	\$ 1,760.00	\$ -
Reclaimed Water Sales (540.1 - 544)			
Total Wastewater Operating Revenue	\$ 284,221.00	\$ 284,221.00	\$ -
LESS: Expense for Purchased Wastewater from FPSC-Regulated Utility			
Net Wastewater Operating Revenues	\$ 284,221.00	\$ 284,221.00	\$ -

Explanations:

Instructions:

For the current year, reconcile the gross wastewater revenues reported on Schedule S-9 with the gross wastewater revenues reported on the company's regulatory assessment fee return. Explain any differences reported in column (d).



Wastewater Technology Fact Sheet Package Plants

DESCRIPTION

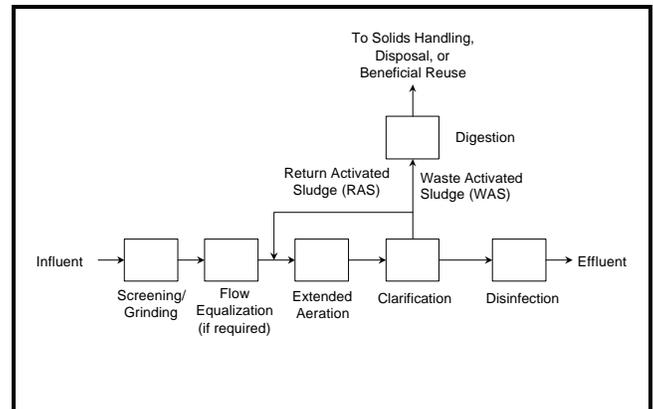
Package plants are pre-manufactured treatment facilities used to treat wastewater in small communities or on individual properties. According to manufacturers, package plants can be designed to treat flows as low as 0.002 MGD or as high as 0.5 MGD, although they more commonly treat flows between 0.01 and 0.25 MGD (Metcalf and Eddy, 1991).

The most common types of package plants are extended aeration plants, sequencing batch reactors, oxidation ditches, contact stabilization plants, rotating biological contactors, and physical/chemical processes (Metcalf and Eddy, 1991). This fact sheet focuses on the first three, all of which are biological aeration processes.

Extended aeration plants

The extended aeration process is one modification of the activated sludge process which provides biological treatment for the removal of biodegradable organic wastes under aerobic conditions. Air may be supplied by mechanical or diffused aeration to provide the oxygen required to sustain the aerobic biological process. Mixing must be provided by aeration or mechanical means to maintain the microbial organisms in contact with the dissolved organics. In addition, the pH must be controlled to optimize the biological process and essential nutrients must be present to facilitate biological growth and the continuation of biological degradation.

As depicted in Figure 1, wastewater enters the treatment system and is typically screened



Source: Parsons Engineering Science, 2000.

**FIGURE 1 PROCESS FLOW DIAGRAM
FOR A TYPICAL EXTENDED AERATION
PLANT**

immediately to remove large suspended, settleable, or floating solids that could interfere with or damage equipment downstream in the process. Wastewater may then pass through a grinder to reduce large particles that are not captured in the screening process. If the plant requires the flow to be regulated, the effluent will then flow into equalization basins which regulate peak wastewater flow rates. Wastewater then enters the aeration chamber, where it is mixed and oxygen is provided to the microorganisms. The mixed liquor then flows to a clarifier or settling chamber where most microorganisms settle to the bottom of the clarifier and a portion are pumped back to the incoming wastewater at the beginning of the plant. This returned material is the return activated sludge (RAS). The material that is not returned, the waste activated sludge (WAS), is removed for treatment and disposal. The clarified wastewater then flows over a weir and into a collection channel before being diverted to the disinfection system.

Extended aeration package plants consist of a steel tank that is compartmentalized into flow equalization, aeration, clarification, disinfection, and aerated sludge holding/digestion segments. Extended aeration systems are typically manufactured to treat wastewater flow rates between 0.002 to 0.1 MGD. Use of concrete tanks may be preferable for larger sizes (Sloan, 1999).

Extended aeration plants are usually started up using "seed sludge" from another sewage plant. It may take as many as two to four weeks from the time it is seeded for the plant to stabilize (Sloan, 1999).

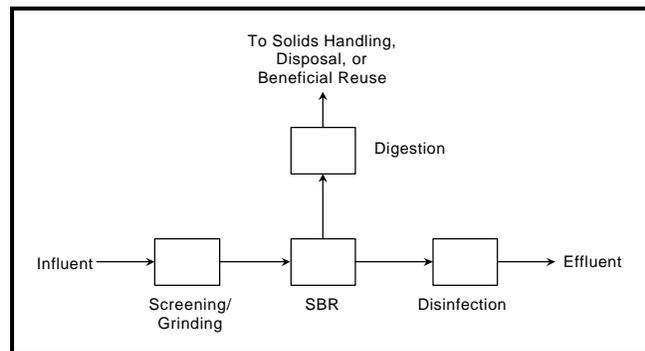
Sequencing batch reactors

A sequencing batch reactor (SBR) is a variation of the activated sludge process. As a fill and draw or batch process, all biological treatment phases occur in a single tank. This differs from the conventional flow through activated sludge process in that SBRs do not require separate tanks for aeration and sedimentation (Kappe, 1999). SBR systems contain either two or more reactor tanks that are operated in parallel, or one equalization tank and one reactor tank. The type of tank used depends on the wastewater flow characteristics (e.g. high or low volume). While this setup allows the system to accommodate continuous influent flow, it does not provide for disinfection or holding for aerated sludge.

There are many types of SBR systems, including continuous influent/time based, non-continuous influent/time based, volume based, an intermittent cycle system (a SBR that utilizes jet aeration), and various other system modifications based on different manufacturer designs. The type of SBR system used depends on site and wastewater characteristics as well as the needs of the area or community installing the unit. Package SBRs are typically manufactured to treat wastewater flow rates between 0.01 and 0.2 MGD; although flow rates can vary based on the system and manufacturer.

As seen in Figure 2, the influent flow first goes through a screening process before entering the SBR. The waste is then treated in a series of batch

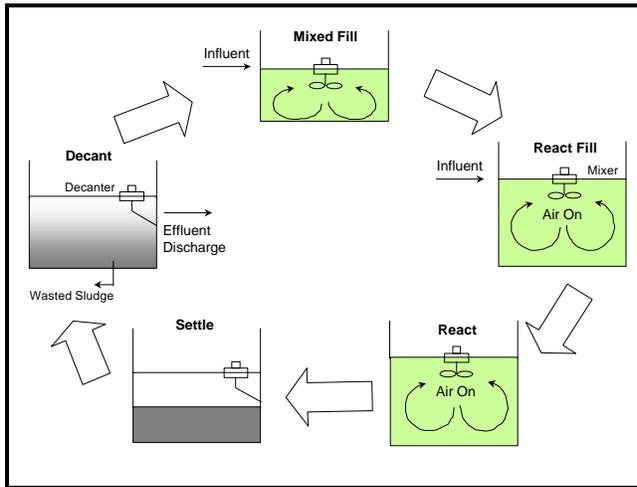
phases within the SBR to achieve the desired effluent concentration. The sludge that is wasted from the SBR moves on to digestion and eventually to solids handling, disposal, or beneficial reuse. The treated effluent then moves to disinfection. An equalization tank is typically needed before the disinfection unit in batch SBRs in order to store large volumes of water. If the flow is not equalized, a sizable filter may be necessary to accommodate the large flow of water entering the disinfection system. In addition, SBR systems typically have no primary or secondary clarifiers as settling takes place in the SBR.



Source: Parsons Engineering Science, 2000.

FIGURE 2 PROCESS FLOW DIAGRAM FOR A TYPICAL SBR

There are normally five phases in the SBR treatment cycle: fill, react, settle, decant, and idle. The length of time that each phase occurs is controlled by a programmable logic controller (PLC), which allows the system to be controlled from remote locations (Sloan, 1999). In the fill phase, raw wastewater enters the basin, where it is mixed with settled biomass from the previous cycle. Some aeration may occur during this phase. Then, in the react phase, the basin is aerated, allowing oxidation and nitrification to occur. During the settling phase, aeration and mixing are suspended and the solids are allowed to settle. The treated wastewater is then discharged from the basin in the decant phase. In the final phase, the basin is idle as it waits for the start of the next cycle. During this time, part of the solids are removed from the basin and disposed of as waste sludge (Kappe, 1999). Figure 3 shows this sequence of operation in an SBR.



Source: CASS Water Engineering, Inc., 2000.

FIGURE 3 SBR SEQUENCE OF OPERATION

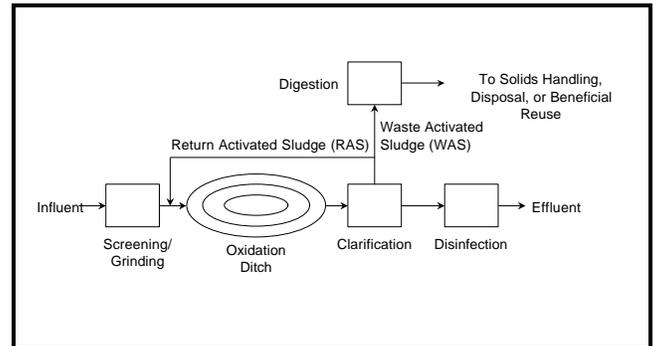
Sludge wasting is an important step in the SBR process and largely affects system performance. It is not considered a basic phase since the sludge is not wasted at a specific time period during the cycle. The quantity and rate of wasting is determined by performance requirements. An SBR system does not require an RAS system, as both aeration and settling occur in the same tank. This prevents any sludge from being lost during the react step and eliminates the need to return sludge from the clarifier to the aeration chamber (Metcalf and Eddy, 1991).

Oxidation ditches

An oxidation ditch, a modified form of the activated sludge process, is an aerated, long term, complete mix process. Many systems are designed to operate as extended aeration systems. Typical oxidation ditch treatment systems consist of a single or multi-channel configuration within a ring, oval, or horseshoe-shaped basin. Horizontally or vertically mounted aerators provide aeration, circulation, and oxygen transfer in the ditch.

Package oxidation ditches are typically manufactured in sizes that treat wastewater flow rates between 0.01 and 0.5 MGD. As seen in Figure 4, raw wastewater is first screened before entering the oxidation ditch. Depending on the system size and manufacturer type, a grit chamber may be required. Once inside the ditch, the

wastewater is aerated with mechanical surface or submersible aerators (depending on manufacturer design) that propel the mixed liquor around the channel at velocities high enough to prevent solids deposition. The aerator ensures that there is sufficient oxygen in the fluid for the microbes and adequate mixing to ensure constant contact between the organisms and the food supply (Lakeside, 1999).



Source: Parsons Engineering Science, 1999.

FIGURE 4 PROCESS FLOW DIAGRAM FOR A TYPICAL OXIDATION DITCH

Oxidation ditches tend to operate in an extended aeration mode consisting of long hydraulic and solids retention times which allow more organic matter to break down. Treated sewage moves to the settling tank or final clarifier, where the biosolids and water separate. Wastewater then moves to other treatment processes while sludge is removed. Part of it is returned to the ditch as RAS, while the rest is removed from the process as the waste activated sludge (WAS). WAS is wasted either continuously or daily and must be stabilized prior to disposal or beneficial reuse.

APPLICABILITY

In general, package treatment plants are applicable for areas with a limited number of people and small wastewater flows. They are most often used in remote locations such as trailer parks, highway rest areas, and rural areas.

Extended aeration plants

Extended aeration package plants are typically used in small municipalities, suburban subdivisions, apartment complexes, highway rest areas, trailer

parks, small institutions, and other sites where flow rates are below 0.1 MGD. These systems are also useful for areas requiring nitrification.

Sequencing batch reactors

Package plant SBRs are suitable for areas with little land, stringent treatment requirements, and small wastewater flows. More specifically, SBRs are appropriate for RV parks or mobile homes, campgrounds, construction sites, rural schools, hotels, and other small applications. These systems are also useful for treating pharmaceutical, brewery, dairy, pulp and paper, and chemical wastes. While constant cycles with time-fixed process phases are sufficient in most cases, phases should be individually adapted and optimized for each plant. SBRs are also suited for sites that need minimal operator attendance and that have a wide range of inflow and/or organic loadings.

Industries with high BOD loadings, such as chemical or food processing plants, will find SBRs useful for treating wastewater. These systems are also suitable for facilities requiring nitrification, denitrification, and phosphorous removal. Most significantly, SBRs are applicable for areas where effluent requirements can change frequently and become stricter, as these systems have tremendous flexibility to change treatment options. However, part of the economic advantage of the SBR process is lost when advanced treatment processes must be added downstream since intermediate equalization is normally required.

Oxidation ditches

Oxidation ditches are suitable for facilities that require nutrient removal, have limitations due to the nature of the site, or want a biological system that saves energy with limited use of chemicals unless required for further treatment. Oxidation ditch technology can be used to treat any type of wastewater that is responsive to aerobic degradation. In addition, systems can be designed for denitrification and phosphorous removal.

Types of industries utilizing oxidation ditches include: food processing, meat and poultry packing, breweries, pharmaceutical, milk processing,

petrochemical, and numerous other types. Oxidation ditches are particularly useful for schools, small industries, housing developments, and small communities. Ultimately, this technology is most applicable for places that have a large amount of land available.

ADVANTAGES AND DISADVANTAGES

Some advantages and disadvantages of package plants are listed below.

Extended aeration plants

Advantages

- C Plants are easy to operate, as many are manned for a maximum of two or three hours per day.
- C Extended aeration processes are often better at handling organic loading and flow fluctuations, as there is a greater detention time for the nutrients to be assimilated by microbes.
- C Systems are easy to install, as they are shipped in one or two pieces and then mounted on an onsite concrete pad, above or below grade.
- C Systems are odor free, can be installed in most locations, have a relatively small footprint, and can be landscaped to match the surrounding area.
- C Extended aeration systems have a relatively low sludge yield due to long sludge ages, can be designed to provide nitrification, and do not require a primary clarifier.

Disadvantages

- C Extended aeration plants do not achieve denitrification or phosphorus removal without additional unit processes.
- C Flexibility is limited to adapt to changing effluent requirements resulting from regulatory changes.
- C A longer aeration period requires more energy.

- C Systems require a larger amount of space and tankage than other "higher rate" processes, which have shorter aeration detention times.

Sequencing batch reactors

Advantages

- C SBRs can consistently perform nitrification as well as denitrification and phosphorous removal.
- C SBRs have large operational flexibility.
- C The ability to control substrate tension within the system allows for optimization of treatment efficiency and control over nitrogen removal, filamentous organisms, and the overall stability of the process.
- C Since all the unit processes are operated in a single tank, there is no need to optimize aeration and decanting to comply with power requirements and lower decant discharge rates.
- C Sludge bulking is not a problem.
- C Significant reductions in nitrate nitrogen can occur by incorporating an anoxic cycle in the system.
- C SBRs have little operation and maintenance problems.
- C Systems require less space than extended aeration plants of equal capacity.
- C SBRs can be manned part time from remote locations, and operational changes can be made easily.
- C The system allows for automatic and positive control of mixed liquor suspended solids (MLSS) concentration and solids retention time (SRT) through the use of sludge wasting.

Disadvantages

- C It is hard to adjust the cycle times for small communities.

- C Post equalization may be required where more treatment is needed.

- C Sludge must be disposed frequently.

- C Specific energy consumption is high.

Oxidation ditches

Advantages

- C Systems are well-suited for treating typical domestic waste, have moderate energy requirements, and work effectively under most types of weather.
- C Oxidation ditches provide an inexpensive wastewater treatment option with both low operation and maintenance costs and operational needs.
- C Systems can be used with or without clarifiers, which affects flexibility and cost.
- C Systems consistently provide high quality effluent in terms of TSS, BOD, and ammonia levels.
- C Oxidation ditches have a relatively low sludge yield, require a moderate amount of operator skill, and are capable of handling shock and hydraulic loadings.

Disadvantages

- C Oxidation ditches can be noisy due to mixer/aeration equipment, and tend to produce odors when not operated correctly.
- C Biological treatment is unable to treat highly toxic waste streams.
- C Systems have a relatively large footprint.
- C Systems have less flexibility should regulations for effluent requirements change.

DESIGN CRITERIA

Table 1 lists typical design parameters for extended aeration plants, SBRs, and oxidation ditches.

TABLE 1 TYPICAL DESIGN PARAMETERS FOR PACKAGE PLANTS

	Extended Aeration	SBR	Oxidation Ditch
BOD₅ loading (F:M) (lb BOD₅/ lb MLVSS)	0.05 - 0.15	0.05 - 0.30	0.05 - 0.30
Oxygen Required Avg. at 20EC (lb/lb BOD₅ applied)	2 - 3	2 - 3	2 - 3
Oxygen Required Peak at 20EC (value x avg. flow)	1.5 - 2.0	1.25 - 2.0	1.5 - 2.0
MLSS (mg/L)	3000 -6000	1500 -5000	3000 -6000
Detention Time (hours)	18 - 36	16 - 36	18 - 36
Volumetric Loading (lb BOD₅/d/ 10³ cu ft)	10 - 25	5 - 15	5 - 30

Source: Adapted from Metcalf and Eddy, 1991 and WEF, 1998.

Extended aeration plants

Package extended aeration plants are typically constructed from steel or concrete. If the system is small enough, the entire system will arrive as one unit that is ready to be installed. If the system is larger, the clarifier, aeration chamber, and chlorine tank are delivered as separate units, which are then assembled on-site (WEF, 1985).

Key internal components of extended aeration treatment plants consist of the following: transfer pumps to move wastewater between the equalization and aeration zones; a bar screen and/or grinder to decrease the size of large solids; an

aeration system consisting of blowers and diffusers for the equalization, aeration, and sludge holding zones; an airlift pump for returning sludge; a skimmer and effluent weir for the clarifier; and UV, liquid hypochlorite, or tablet modules used in the disinfection zone. Blowers and the control panel containing switches, lights, and motor starters are typically attached to either the top or one side of the package plant (Sloan, 1999).

Biological organisms within the system need sufficient contact time with the organic material in order to produce effluent of an acceptable quality. Typical contact time for extended aeration package plants is approximately 18-24 hours. The contact time, daily flow rate, influent parameters, and effluent parameters determine the size of the aeration tank where air is used to mix wastewater and to supply oxygen to promote biological growth. A package extended aeration system is sized based on the average volume of wastewater produced within a twenty-four hour period. Although provisions are made for some peaking factor, a flow equalization system may be necessary to prevent overloading of the system from inconsistent flow rates in the morning and evening. Equalization allows the wastewater to be delivered to the treatment plant at more manageable flow rates (WEF, 1985).

Systems should be installed at sites where wastewater collection is possible by gravity flow. In addition, the site should be stable, well drained, and not prone to flooding. The facility should be installed at least 30 meters (100 feet) from all residential areas and be in accordance with all health department regulations or zoning restrictions (WEF, 1985).

In order to ensure ease of operation and maintenance, extended aeration systems should be installed so that the tank walls extend nearly 0.15 meters (6 inches) above ground. This will supply insulation in the winter, prevent surface runoff from infiltrating the system, and allow the system to be serviced readily. If a plant is installed below ground, it must have distinct diversion ditching or extension walls in order to prevent surface water infiltration into the plant. When the plant is installed completely above ground, it may be

necessary to provide insulation for cold weather and walkways for easy maintenance (WEF, 1985).

Sequencing batch reactors

Important internal components include an aeration system, which typically consists of diffusers and a blower; a floating mixer; an effluent decanter; a pump for withdrawing sludge; and a sequence of liquid level floats. The PLC and the control panel are usually positioned within a nearby control building (Sloan, 1999).

When the wastewater flow rate at the site is less than 0.05 MGD, a single, prefabricated steel tank can be used. This tank is divided into one SBR basin, one aerobic sludge digester, and one influent pump well. Concrete tanks may also be used, but in North America are not as cost effective as steel for small systems. If the plant must be able to treat 0.1 to 1.5 MGD, multiple concrete SBR basins are commonly used (CASS, 1999).

The design of SBR systems can be based on carbonaceous BOD removal only or both carbonaceous and nitrogenous BOD removal. The system can be expanded to achieve optimum nitrification and carbonaceous removal by operating primarily in an oxic state with few anoxic periods such as during settle and decant.

Denitrification and biological phosphorous removal can be promoted by providing adequate anoxic periods after intense aerobic cycles. This allows DO to be dissipated and nitrate to be used by the consuming organism and released as elemental nitrogen. By introducing an anaerobic process after the anoxic process, bacteria conducive to excess phosphorous uptake will develop. Phosphorous will be released in the anaerobic phase, but additional phosphorous is incorporated into the cell mass during subsequent aerobic cycles. Since the excess phosphorous is incorporated in the cell mass, cell wastage must be practiced to achieve a net phosphorous removal. Anaerobic conditions should be avoided in treating the waste sludge since they may result in the release of the phosphorous.

A low food to microorganism (F:M) ratio SBR system designed for an average municipal flow

pattern will usually have an operating cycle duration of four hours, or six cycles per day. For a two reactor system, there will be twelve cycles per day and for a four reactor system, twenty-four cycles per day. The distribution and number of cycles per day can be adjusted based on specific treatment requirements or to accommodate alternate inflow patterns.

Cycle sequences are time controlled with sufficient volume provided to handle design flow rates. If incoming flow is significantly less than the design flow, only a portion of the reactor capacity is utilized and aeration time periods can be reduced to save energy and prevent over aeration. If flow rates are greater than usual resulting from storm runoff, the control system detects the high rise in the reactor and modifies the cycle to integrate peak flow rates. This will shorten the aeration, settle, and decant sequences, minimize the anoxic sequence (if supplied), and provide more cycles per day. As a result, hydraulic surges are incorporated and the diluted wastewater is processed in less time. In order to make the above optimizations, the logic control must be provided by the PLC (Kappe, 1999).

Small SBRs can experience a variety of problems associated with operation, maintenance, and loadings. Therefore, more conservative design criteria are typically used due to the wide range of organic and hydraulic loads generated from small communities. This type of design utilizes a lower F:M ratio and longer hydraulic retention time (HRT) and SRT (CASS, 1999).

Oxidation ditches

Key components of a typical oxidation ditch include a screening device, an influent distributor (with some systems), a basin or channel, aeration devices (mechanical aerators, jet mixers, or diffusers, depending on the manufacturer), a settling tank or final clarifier (with some systems), and an RAS system (with some systems). Typically, the basin and the clarifier are individually sized to meet the specific requirements of each facility. These components are often built to share a common wall in order to reduce costs and save space (Lakeside, 1999).

Concrete tanks are typically used when installing package plant oxidation ditches. This results in lower maintenance costs as concrete tanks do not require periodic repainting or sand blasting. Fabricated steel or a combination of steel and concrete can also be used for construction, depending on site conditions (Lakeside, 1999).

The volume of the oxidation ditch is determined based on influent wastewater characteristics, effluent discharge requirements, HRT, SRT, temperature, mixed liquor suspended solids (MLSS), and pH. It may be necessary to include other site specific parameters to design the oxidation ditch as well.

Some oxidation ditches do not initially require clarifiers, but can later be upgraded and expanded by adding clarifiers, changing the type of process used, or adding additional ditches (Kruger, 1999).

PERFORMANCE

The performance of package plants in general can be affected by various operational and design issues (Metcalf and Eddy, 1991).

- C Large and sudden temperature changes
- C Removal efficiency of grease and scum from the primary clarifier (except with oxidation ditches that do not use primary clarifiers)
- C Incredibly small flows that make designing self-cleansing conduits and channels difficult
- C Fluctuations in flow, BOD₅ loading, and other influent parameters
- C Hydraulic shock loads, or the large fluctuations in flow from small communities
- C Sufficient control of the air supply rate

Extended aeration plants

Extended aeration plants typically perform extremely well and achieve effluent quality as seen in Table 2. If chemical precipitation is used, total phosphorous (TP) can be < 2 mg/L. In some cases,

extended aeration systems result in effluent with < 15 mg/L BOD and < 10 mg/L TSS.

TABLE 2 EXTENDED AERATION PERFORMANCE

	Typical Effluent Quality	Aldie WWTP (monthly average)
BOD (mg/L)	< 30 or <10	5
TSS (mg/L)	< 30 or <10	17
TP (mg/L)	< 2*	**
NH₃-N (mg/L)	< 2	**

* May require chemicals to achieve.

** DEQ does not require monitoring of these parameters.

Source: Sloan, 1999 and Broderick, 1999.

Aldie Wastewater Treatment Plant

The Aldie Wastewater Treatment Plant, located in Aldie, Virginia, is an extended aeration facility which treats an average of 0.0031 MGD with a design flow of 0.015 MGD. This technology was chosen because it would allow the area to meet permit requirements while minimizing land use. The plant consists of an influent chamber which directs the flow to two parallel aeration basins, parallel clarifiers, and a UV disinfection system.

Sequencing batch reactors

The treatment performance of package plant SBRs is largely influenced by the plant operator. While the process requires little assistance, training programs are available to teach operators how to become skilled with small plant operations. SBRs perform well, often matching the removal efficiency of extended aeration processes. Systems can typically achieve the effluent limitations listed in Table 3.

In addition, SBR systems have demonstrated a greater removal efficiency of carbonaceous BOD than other systems due to optimization of microbial activity via anoxic stress and better utilization of applied oxygen in the cyclic system. The system can consistently provide carbonaceous BOD effluent levels of 10 mg/L.

TABLE 3 SBR PERFORMANCE

	Typical Effluent	Harrah WWTP	
		% Removal	Effluent
BOD (mg/L)	10	98	3
TSS (mg/L)	10	98	3
NH₃ (mg/L)	< 1	97	0.6

Source: Sloan, 1999 and Reynolds, 1999.

Harrah Wastewater Treatment Plant

The Harrah wastewater treatment plant in Oklahoma treats an average wastewater flow of 0.223 MGD. The SBR has achieved tertiary effluent quality without filtration from the time it was first installed. Pretreatment involves an aerated grit chamber and comminutor. Waste activated sludge is taken to a settling pond where the settled sludge is dredged annually. A nitrogen removal study performed for nine months confirmed that nitrification and denitrification occur consistently without special operator care.

Oxidation Ditches

Although the manufacturer's design may vary, most oxidation ditches typically achieve the effluent limitations listed in Table 4. With modifications, some oxidation ditches can achieve TN removal to # 5 mg/L and TP removal with biological means.

City of Ocoee Wastewater Treatment Plant

Currently, the wastewater treatment plant in Ocoee, Florida accepts an average flow of 1.1 to 1.2 MGD. The city chose to use an oxidation ditch because it was an easy technology for the plant staff to understand and implement. The facility is also designed for denitrification without the use of chemical additives. Nitrate levels consistently test at 0.8 to 1.0 mg/L with limits of 12 mg/L (Holland, 1999). Table 4 indicates how well the Ocoee oxidation ditch performs.

TABLE 4 OXIDATION DITCH PERFORMANCE

	Typical Effluent Quality		Ocoee WWTP	
	With 2° Clarifier	With Filter	% Removal	Effluent
CBOD (mg/L)	#10	5	> 97	4.8
TSS (mg/L)	#10	5	> 97	0.32
TP (mg/L)	2	1	NA	NA
N-NO₃ (mg/L)	NA	NA	> 95	0.25

Note: 2° = secondary. NA = not available.

Source: Kruger, 1999 and Holland, 1999.

OPERATION AND MAINTENANCE

Operation requirements will vary depending on state requirements for manning package treatment systems. Manning requirements for these systems may typically be less than eight hours a day. Each type of system has additional operational procedures that should be followed to keep the system running properly. Owners of these systems must be sure to follow all manufacturer's recommendations for routine and preventative maintenance requirements. Each owner should check with the manufacturer to determine essential operation and maintenance (O&M) requirements.

Depending on state requirements, most systems must submit regular reports to local agencies. In addition, system operators must make safety a primary concern. Wastewater treatment manuals and federal and state regulations should be checked to ensure safe operation of these systems.

Extended aeration plants

Operational procedures for these systems consist of performing fecal coliform tests on the effluent to ensure adequate disinfection and making periodic

inspections on dissolved oxygen levels (DO) and MLSS concentrations in the aeration compartment. Sludge-volume index (SVI) tests in the clarifier must also be performed to determine how well the sludge is settling. Other sampling and analyses will be required on the effluent in accordance with state regulations.

Typical maintenance steps for extended aeration systems include checking motors, gears, blowers, and pumps to ensure proper lubrication and operation. Routine inspection of equipment is also recommended to ensure proper operation. Check with the manufacturer for specific O&M requirements.

Sequencing batch reactors

To ensure proper functioning of the system, O&M must be provided for several pieces of equipment. Operational procedures include sampling and monitoring of DO, pH, and MLSS levels. Additional sampling and analyses on the effluent will be required based on state regulations.

Maintenance requirements include regular servicing of aeration blowers, which is usually performed when greasing is done, and monthly inspection of belts on the blowers to determine if they need to be adjusted or replaced. Submersible pumps require routine inspections and servicing as required by the manufacturer. The decanter will require monthly greasing. Additional O&M may be required depending on system requirements. Check with the manufacturer for specific maintenance requirements.

Oxidation ditches

Depending on the manufacturer's design, typical operational procedures for oxidation ditches include monitoring of DO, pH, MLSS, and various other types of sampling and analyses.

Maintenance steps include periodically inspecting the aerator, regularly greasing rotors, and following manufacturer recommendations for maintenance of the pumps. Operators should follow all manufacturer recommendations for operation and maintenance of the equipment.

COSTS

Costs are site specific and generally depend on flow rate, influent wastewater characteristics, effluent discharge requirements, additional required equipment, solids handling equipment, and other site specific conditions. Manufacturers should be contacted for specific cost information.

Extended aeration plants

As provided by Aeration Products, Inc., smaller extended aeration package plants designed to treat less than 0.02 MGD cost approximately \$4 to \$6 per gallon of water treated, based on capital costs. For larger plants, capital costs will be approximately between \$2 to \$2.50 per gallon of wastewater treated. Maintenance processes for these plants are labor-intensive and require semi-skilled personnel, and are usually completed through routine contract services. Maintenance cost averages \$350 per year.

Table 5 provides the cost estimates for various extended aeration packages. These costs include the entire package plant, as well as a filtration unit.

TABLE 5 COST ESTIMATES FOR EXTENDED AERATION

Flow (MGD)	Estimated Budget Cost per Gallon (\$)
0.015	9-11
0.04	7
1.0	1.3

Note: Larger flow rates are available from the manufacturer. Estimated cost per gallon was determined based on the mid-flow range.

Source: Parsons Engineering Science, 1999.

Sequencing batch reactors

The capital cost per capita for small SBR plants is greater than for large SBR plants. Approximate equipment costs disregarding concrete or steel tanks costs are provided in Table 6. Operation energy costs are likely to be higher for small SBR plants than for larger plants as a result of numerous loadings.

TABLE 6 COST ESTIMATES FOR SBRs

Flow (MGD)	Estimated Budget Cost per Gallon (\$)
0.01	4-5
0.05	2
0.2	0.7
1.0	0.25

Note: Larger flow rates are available from the manufacturer. Estimated cost per gallon was determined based on the mid-flow range.

Source: CASS, 1999.

System costs will vary, depending on the specific job. Factors influencing cost include average and peak flow, tank type, type of aeration system used, effluent requirements, and site constraints. Operation and maintenance costs are site specific and may range from \$800 to \$2,000 dollars per million gallons treated. Labor and maintenance requirements may be reduced in SBRs because clarifiers and RAS pumps may not be necessary. On the other hand, maintenance requirements for the more sophisticated valves and switches associated with SBRs may be more costly than for other systems.

Oxidation ditches

Table 7 lists budget cost estimates for various sizes of oxidation ditches. Operation and maintenance costs for oxidation ditches are significantly lower than other secondary treatment processes. In comparison to other treatment technologies, energy requirements are low, operator attention is minimal, and chemical addition is not required.

REFERENCES

Other Related Fact Sheets

Sequencing Batch Reactors
EPA 932-F-99-073
September 1999

TABLE 7 COST ESTIMATES FOR OXIDATION DITCHES

Flow Range (MGD)	Budget Price (\$)	Estimated Budget Cost per Gallon (\$)
0 - 0.03	80,000	5.33
0.03 - 0.06	91,000	2.02
0.06 - 1.1	97,500	0.17
1.1 - 1.7	106,000	0.08
1.7 - 2.5	114,700	0.05

Note: Larger flow rates are available from the manufacturer. Estimated cost per gallon was determined based on the mid-flow range.

Source: Lakeside, 1999.

Oxidation Ditches
EPA 832-F-00-013
September 2000

Aerobic Treatment
EPA 832-F-00-031
September 2000

Other EPA Fact Sheets can be found at the following web address:
<http://www.epa.gov/owmitnet/mtbfact.htm>

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The mention of trade names or commercial products does not constitute endorsement or recommendation for use by the U.S. Environmental Protection Agency.

ADDITIONAL INFORMATION

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Washington, D.C. 20460

Terre Du Lac Utility Company

DEPRECIATION RATES

(SEWER)

SR-2014-0105

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	DEPRECIATION RATE	AVERAGE SERVICE LIFE (YEARS)	NET SALVAGE
300	Stipulated Plant	2.5%	40	0%
311	Structures and Improvements	2.5%	44	-10%
352.1	Collection Sewers (Force)	2.0%	50	0%
352.2	Collection Sewers (Gravity)	2.0%	50	0%
353	Services	2.0%	50	0%
354	Flow Measurement Devices	3.3%	30	0%
362	Receiving Wells	5.0%	26	-5%
363	Electric Pumping Equipment	10.0%	10	0%
371	Treatment Plant Shed	2.5%	44	-10%
372	Treatment & Disposal Equipment	5.0%	22	-10%
390	Structures & Improvements Office/Shop	2.5%	44	-10%
391	Office Furniture & Equipment	5.0%	20	0%
391.1	Electronic Office Equipment	0.0%	Excessively Accrued	
392	Transportation Equipment	13.0%	7	9%
393	Stores Equipment	4.0%	25	0%
394	Tools, Shop, and Garage Equipment	5.0%	18	10%
395	Laboratory Equipment	8.3%	12	0%
396	Power Operated Equipment	6.7%	13	13%
397	Communication Equipment	3.3%	Over Accrued	

Reviewed, 1/7/2014. The above are standard small company depreciation rates modified as a result of Staff's investigation of the Company's operation, records, and physical plant, and are dependent on the Company's implementation of the end of test year adjustments to the Company's plant in service and accumulated reserves as shown in the Staff accounting schedules.

https://www.efis.psc.mo.gov/mpsc/commoncomponents/view_itemno_details.asp?caseno=SR-2014-0105&attach_id=2014014505

P.C.B., Inc.
SCHEDULE of DEPRECIATION RATES
(SEWER Class C & D)
SR-2014-0068 Attachment D

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	DEPRECIATION RATE	AVERAGE SERVICE LIFE (YEARS)
COLLECTION PLANT			
311	Structures & Improvements	3.3%	33
352.2	Collection Sewers (Gravity)	2.0%	50
355	Flow Measurement Devices	3.3%	30
PUMPING PLANT			
362	Receiving Wells	4.0%	26
363	Electric Pumping Equipment	10.0%	10
TREATMENT & DISPOSAL PLANT			
372	Oxidation Lagoons	4.0%	40
373	Treatment & Disposal Facilities	5.0%	22
375	Outfall Sewer Lines	2.0%	50
GENERAL PLANT			
391	Office Furniture & Equipment	5.0%	20

Reviewed, 1/07/2014. The above are standard small company depreciation rates modified as a result of Staff's investigation of the Company's operation, records, and physical plant, and are dependent on the Company's implementation of the end of test year adjustments to the Company's plant in service and accumulated reserves as shown in the Staff accounting schedules.

https://www.efis.psc.mo.gov/mpsc/commoncomponents/view_itemno_details.asp?caseno=SR-2014-0068&attach_id=2014016258

Rogue Creek Sewer
Interim Rate Case
SR-2013-0435
Test Year Ending 12-31-2012
Depreciation Expense - Sewer

Line Number	A Account Number	B Plant Account Description	C Adjusted Jurisdictional	D Depreciation Rate	E Depreciation Expense
1		INTANGIBLE PLANT			
2	301.000	Organization	\$135	0.00%	\$0
3	302.000	Franchises	\$1,127	0.00%	\$0
4	303.000	Miscellaneous Intangible Plant	\$0	0.00%	\$0
5		TOTAL INTANGIBLE PLANT	<u>\$1,262</u>		<u>\$0</u>
6		SOURCE OF SUPPLY PLANT			
7	310.000	Land & Land Rights	\$0	0.00%	\$0
8	311.000	Structures & Improvements	\$2,532	3.00%	\$76
9		TOTAL SOURCE OF SUPPLY PLANT	<u>\$2,532</u>		<u>\$76</u>
10		COLLECTION PLANT			
11	352.100	Collection Sewers - Force	\$12,827	2.00%	\$257
12	352.200	Collection Sewers - Gravity	\$105,094	2.00%	\$2,102
13	353.000	Other Collection Plant Facilities	\$0	0.00%	\$0
14	354.000	Services to Customers	\$18,120	2.00%	\$362
15	355.000	Flow Measuring Devices	\$0	0.00%	\$0
16		TOTAL COLLECTION PLANT	<u>\$136,041</u>		<u>\$2,721</u>
17		PUMPING PLANT			
18	362.000	Receiving Wells and Pump Pits	\$1,804	5.00%	\$90
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$24,068	10.00%	\$2,407
20		TOTAL PUMPING PLANT	<u>\$25,872</u>		<u>\$2,497</u>
21		TREATMENT & DISPOSAL PLANT			
22	372.000	Oxidation Lagoon	\$0	0.00%	\$0
23	373.000	Treatment and Disposal Equipment	\$31,190	4.50%	\$1,404
24	374.000	Plant Sewers	\$0	0.00%	\$0
25	375.000	Outfall Sewer Lines	\$0	0.00%	\$0
26	376.000	Other Treatment & Disposal Plant Equip.	\$0	0.00%	\$0
27		TOTAL TREATMENT & DISPOSAL PLANT	<u>\$31,190</u>		<u>\$1,404</u>
28		GENERAL PLANT			
29	391.000	Office Furniture & Equipment	\$467	5.00%	\$23
30	391.100	Office Computer Equipment	\$371	20.00%	\$74
31	392.000	Transportation Equipment	\$228	13.00%	\$30
32	394.000	Tools Shop & Garage Equipment.	\$15	5.00%	\$1
33		TOTAL GENERAL PLANT	<u>\$1,081</u>		<u>\$128</u>
34		Total Depreciation	<u>\$197,978</u>		<u>\$6,826</u>

https://www.efis.psc.mo.gov/mpsc/commoncomponents/view_itemno_details.asp?caseno=SR-2013-0435&attach_id=2013018070

North Peninsula
Asset Value Report
Depreciated Value

Appendix C
November 12, 2021

Asset Description	Year Installed	Estimated Installation Cost	Age (2021)	Depreciation Period ¹	Depreciation ²	Depreciated Value ³
Property	1979	\$ 46,800.00	42	n/a	n/a	\$ 46,800.00
WWTP-Extended Aeration	1979	\$ 352,610.95	42	22	\$ 673,166.36	\$ -
WWTP Improvement 2003	2003	\$ 20,423.00	18	22	\$ 16,709.73	\$ 3,713.27
WWTP Improvement 2004	2004	\$ 14,012.00	17	22	\$ 10,827.45	\$ 3,184.55
WWTP Improvement 2013	2013	\$ 16,560.00	8	22	\$ 6,021.82	\$ 10,538.18
WWTP Improvement 2014	2014	\$ 29,410.00	7	22	\$ 9,357.73	\$ 20,052.27
WWTP Improvement 2015	2015	\$ 17,782.00	6	22	\$ 4,849.64	\$ 12,932.36
WWTP Improvement 2016	2016	\$ 10,727.00	5	22	\$ 2,437.95	\$ 8,289.05
WWTP Improvement 2019	2019	\$ 30,647.00	2	22	\$ 2,786.09	\$ 27,860.91
WWTP Improvement 2020	2020	\$ 70,245.00	1	22	\$ 3,192.95	\$ 67,052.05
8" Sanitary Sewer	1979	\$ 261,916.18	42	50	\$ 220,009.59	\$ 41,906.59
6" Force Main	1979	\$ 61,214.90	42	50	\$ 51,420.51	\$ 9,794.38
Lift Stations	1979	\$ 5,639.61	42	10	\$ 23,686.38	\$ -
Pump Improvement 2014	2014	\$ 8,317.00	7	10	\$ 5,821.90	\$ 2,495.10
Pump Improvement 2016	2016	\$ 6,146.00	5	10	\$ 3,073.00	\$ 3,073.00
Pump Improvement 2017	2017	\$ 5,186.00	4	10	\$ 2,074.40	\$ 3,111.60
Pump Improvement 2019	2019	\$ 16,046.00	2	10	\$ 3,209.20	\$ 12,836.80
Pump Improvement 2020	2020	\$ 17,885.00	1	10	\$ 1,788.50	\$ 16,096.50
Manholes	1979	\$ 78,608.06	42	50	\$ 66,030.77	\$ 12,577.29
Service Laterals	1979	\$ 61,836.31	42	50	\$ 51,942.50	\$ 9,893.81
Total Wastewater Assets		\$ 1,132,012.01				\$ 312,207.71

Note 1 - Based on Missouri PSC Rate Case Dockets SR-2014-0105 Terre Du Lac Utility Company; SR-2014-0068 P.C.B., Inc.; and SR-2013-0435 Rogue Creek Sewer.

Note 2 - Depreciation = Age/Depreciation Period X Estimated Installation Cost

Note 3 - Depreciated Value = Estimated Installation Cost - Depreciation

Data Request # 11

Additional Costs

DR 11 - Additional Costs - North Peninsula

CSWR Florida- North Pen

Category	Vendor	Amount
Closing Costs		13,917.00
Acquired Assets (Staff Audit)		46,800.00
Engineering - GIS	21 Design Group Inc.	13,883.34
Engineering - Survey	21 Design Group Inc.	40,603.00
Legal - Real Estate	Beckemeier LeMoine Law	3,214.02
Legal - Real Estate	Bryant Miller Olive	4,355.00
Legal - Real Estate	Radey Law Firm	2,659.48
Total		125,431.84

Data Request # 14
Journal Entries

CSWR Florida Utility Operating Company
 North Peninsula- Purchase/Acquisition Assets

Date of Staff Report Used 7/31/2021 Staff NBV Approval
 In-Service Date 5/26/2022
 Purchase Price 1,398,781.55
 Closing cost 13,917.00

Journal Entry to transfer In-Service assets post acquisition

Acct Name	Acct #	Debit	Credit	Note
Utility Plant Purchased	104.000		1,412,698.55	Total closing consideration
Land & Land Rights	353.000	13,917.00		Closing Costs
Misc Liab	242.000		1,218.45	Real Estate Tax 1/1/22-5/25/22
CIAC Water	271.000		641,725.00	CIAC Sewer
Acc Amort-CIAC-Water	272.000	641,725.00		CIAC Accum -Audit+1 month of May22
Salvage Reserve for Services-Potable	108.100		12,604.00	Negative Accum Depr Sewer Services
Franchises	352.000	6,310.00		Staff Audit
Structures & Improvements	354.000	166,920.00		Staff Audit
Collection Sewers - Force	360.000	322,603.00		Staff Audit
Collection Sewers - Gravity	361.000	5,410.00		Staff Audit
Services to Customers	363.000	29,870.00		Staff Audit
Flow Measuring Devices	364.000	2,875.00		Staff Audit
Receiving Wells	370.000	1,278.00		Staff Audit
Pumping Equipment	371.000	50,887.00		Staff Audit
Treatment & Disposal Equipment	380.000	338,797.00		Staff Audit
Land & Land Rights	353.000	46,800.00		Staff Audit
Accum Depr	108.000		755,886.92	Staff Audit + Calc
Acquisition Adjustment	114.000	1,196,740.92		Acq Adjustment
		2,824,132.92	2,824,132.92	

Data Request # 15
Post Acquisition Pro Forma

CSWR-Florida UOC

	North						
	Peninsula	CSWR-Florida	CSWR-Florida	CSWR-Florida	CSWR-Florida	CSWR-Florida	CSWR-Florida
	2020	Y0	Y1	Y2	Y3	Y4	Y5
ERU's	603	615	615	615	615	615	615
Rate	39.03	39.03	48.50	48.50	54.24	54.24	54.24
Revenue	284,221	288,041	357,930	357,930	400,291	400,291	400,291
Outside labor expenses	(129,887)	(70,469)	(72,935)	(75,488)	(78,130)	(80,865)	(83,695)
Administrative and office expense	(18,968)	(44,841)	(46,411)	(48,035)	(49,717)	(51,457)	(53,258)
Maintenance and repair expense	(808)	(9,317)	(9,643)	(9,981)	(10,330)	(10,692)	(11,066)
Purchased water	0	0	0	0	0	0	0
Purchased sewage treatment	0	(3,341)	(3,458)	(3,579)	(3,705)	(3,834)	(3,969)
Electric power expense (exclude office)	(12,697)	(16,033)	(16,594)	(17,174)	(17,776)	(18,398)	(19,042)
Chemicals expense	(7,103)	(23,351)	(24,168)	(25,014)	(25,890)	(26,796)	(27,734)
Testing fees	(10,926)	(8,107)	(8,390)	(8,684)	(8,988)	(9,302)	(9,628)
Transportation expense	(273)	0	0	0	0	0	0
Other operating expense	(74,475)	0	0	0	0	0	0
Total Operating Expense	(255,137)	(175,459)	(181,600)	(187,956)	(194,534)	(201,343)	(208,390)
Depreciation	(10,731)	(50,267)	(55,267)	(74,017)	(96,517)	(120,267)	(144,017)
Interest		0	(8,766)	(8,025)	(20,654)	(20,409)	(20,171)
Total Expenses	(265,868)	(225,726)	(245,633)	(269,998)	(311,705)	(342,020)	(372,578)
Operating Income	18,353	62,315	112,297	87,932	88,586	58,271	27,713
Income Tax	0	0	(30,320)	(23,742)	(23,918)	(15,733)	(7,482)
Net Income	18,353	62,315	81,977	64,191	64,668	42,538	20,230

ASSUMPTIONS

Total FL ERU's	20,675	31,923	34,871	38,710	39,173	39,636
ERU's in Rate		20,971	20,971	32,740	32,740	32,740
Total FL Rate Base	0	29,581	29,581	90,030	90,030	90,030
Total FL Rev Req	0	12,205	12,205	21,310	21,310	21,310
North Peninsula ERU's	615	615	615	615	615	615
North Peninsula Acq Premium	0	1,151	1,151	1,151	1,151	1,151
Equity	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
ROE	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%
Tax Rate	26.5%	26.5%	26.5%	26.5%	26.5%	26.5%
Rate with Acq Premium	0	48.50	48.50	54.24	54.24	54.24
Inflation Rate	0.0%	3.5%	3.5%	3.5%	3.5%	3.5%
Amortization Years	30	30	30	30	30	30
Additional Plant Investment	0	200,000	550,000	150,000	50,000	0
Depreciation Rate	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
Debt Issuance	0	7,000,000	7,000,000	20,000,000	20,000,000	20,000,000
Interest Rate	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%

CALCULATIONS

Equity Return with Acq Premium	0	1,405	1,405	4,276	4,276	4,276
Equity Return w/o Acq Premium	0	1,350	1,350	4,222	4,222	4,222
Tax Return with Acq Premium	0	507	507	1,542	1,542	1,542
Tax Return w/o Acq Premium	0	487	487	1,522	1,522	1,522
Rate Adjustment	0.0%	0.9%	0.9%	0.5%	0.5%	0.5%
Rate w/o Acq Premium	0	48.05	48.05	53.95	53.95	53.95
Acq Premium Amortization	0	38	38	38	38	38
Additional Depreciation Expense	0	(5,000)	(18,750)	(22,500)	(23,750)	(23,750)
Interest Expense	0	(455,000)	(455,000)	(1,300,000)	(1,300,000)	(1,300,000)
Revenue Requirement w/o Acq Premium		12,092	12,092	21,197	21,197	21,197

Data Request # 24
North Peninsula Engineering Memo



**NORTH
PENINSULA
UTILITIES CORP.
WASTEWATER
TREATMENT
SYSTEM
ASSESSMENT**

**ENGINEERING
MEMORANDUM**

210 S. Florida Avenue, Suite 220
Lakeland, FL 33801
800.426.4262

woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

0233748.04
Central States Water
Resources
April 2022

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EXECUTIVE SUMMARY

An engineering evaluation for the North Peninsula Utilities Wastewater Treatment Plant in Ormond Beach, FL was conducted by Woodard & Curran to provide feedback and guidance to Central States Water Resources on regulatory compliance, permitting, technical items and recommendations for repair or improvements. The evaluation herein is based on a site visit conducted on August 10, 2021, reports submitted by the utility to the Florida Department of Environmental Protection, and technical documents provided by North Peninsula Utilities.

1. INTRODUCTION

1.1 General System Information

North Peninsula Utilities owns and operates a private Wastewater Treatment Plant (WWTP) to service the surrounding Ormond Beach development. The development consists of residential units and a restaurant.

A summary of the main parameters for the wastewater system is included below in Table 1-1.

Table 1-1: North Peninsula Wastewater Treatment Plant Information

Subdivision(s) Served	Seabridge, Peninsula Winds, A Barrier Island Condo, and Sandpiper Forest
Current Owner (Seller)	North Peninsula Utilities Corp.
Customer Count and Type	440 Connections – Residential
Street Address	Seabridge Dr, Florida 32176
City, State	Ormond Beach, FL
County	Volusia County
Pending Developments	Fairwinds Estate and 8-acre development (142 possible future connections)
Permitted Facility Name	North Peninsula Utilities WWTF
Permit Type	NPDES
Permit Number and Agency Interest Number	FLA011188
Permitted Capacity	0.180 MGD (Permitted Maximum)

2. WASTEWATER TREATMENT FACILITY

2.1 Facility Description

2.1.1 Facility Type

North Peninsula Utilities is a 0.180 million gallons per day (MGD) Annual Average Daily Flow (AADF) wastewater treatment plant (WWTP) consisting of three separate package plants. The package plants are a 0.06 MGD steel extended aeration plant (Plant 1) a 0.06 MGD concrete extended aeration plant (Plant 2) and a 0.09 MGD steel contact stabilization plant (Plant 3). Effluent from all three plants are sent to one of two Rapid Infiltration Basins (RIBs) for disposal.

2.1.2 Approximate Age of Facility and Source Used to Age Facility

An engineering report prepared in August of 1990 stated that Plant 1 was constructed in 1990, Plant 2 was constructed in 1980, and Plant 3 was constructed in 1983.

2.1.3 Structural Condition of Process Tanks and Equipment

Based on a visual inspection of what was visible of the process tanks, the tanks appear to be in poor structural condition.

The surge tank and the steel package plants (Plants 1 and 3) are nearly 40 years old, in very poor condition, and are well beyond their useful life. Based on observations of the exposed-to-view portions of the steel tanks, it is our opinion that it is not practical nor economically feasible to salvage and repair the tanks given the extent of severe corrosion, degradation, and material section loss. Therefore, we recommend these tanks be fully demolished and replaced with a new system. Although we do not recommend it given the condition of these tanks, a complete engineering evaluation of these tanks would require the following steps at a minimum:

- Bypass flow
- Empty the tanks to remove all wastewater and sludge deposits.
- Pressure wash all steel surfaces to expose all painted/unpainted surfaces for proper inspection.
- Perform a structural condition assessment including visual inspection of surfaces by a structural engineer or certified steel tank inspection firm.
- Perform ultrasonic testing to determine thickness uniformity of all steel tank components by a certified tank inspection firm. If available, these could be compared to record drawings of the tanks which would provide original thicknesses as designed.
- Submit a report of findings for the condition assessment and thickness testing.
- Conduct a complete structural analysis to “re-engineer” all components of the tank to determine load carrying capacity of all elements. Note that this would be very time consuming due to the multiple components of the tank and variable conditions resulting from the high degree of corrosion and many compromised steel items. It is likely that these tanks were originally designed by a firm that specialized in these types of treatment tank systems, and had economical designs based on their system.
- Recommend reinforcement and in many cases replacement of all items determined to be unsalvageable or unrepairable.
- Recoat the entire repaired tank with a corrosion-resistant, wastewater-grade coating system.

Similarly, all concrete tanks in Plant 2 should also be emptied, cleaned, and assessed to determine the need for concrete repairs and or coatings to extend the life of the concrete components. Many concrete tanks have evidence of cracking, spalling, deterioration, and rebar exposure and corrosion. These will continue to deteriorate without proper repairs and protection.

The items observed that support our decision to replace these painted steel tanks and not try to evaluate and repair them include the following:

- These painted steel tanks have been constantly subjected to a harsh environment over 40 years that includes both wastewater and marine air exposure.
- All coatings are failing and look like they have been failing for many years, thereby leaving steel components fully unprotected and subject to severe and accelerated corrosion.
- Many steel angles, brackets, and other supports have severe corrosion, material loss, and failure where there are holes and portions of metal that are completely missing.
- Many steel tank walls or chambers have plates and stiffeners that have severe corrosion, material loss, holes, cracks, warping, buckling, and other observed modes of failure.
- Tanks were likely designed very economically with thinnest metal possible and combined with material loss due to corrosion, it's likely that many of the steel components do not meet hydrostatic/earth load & code requirements and are therefore overstressed.

In summary, Woodard & Curran would not recommend spending time and resources to evaluate, test, analyze, and repair the existing painted steel tanks in the Surge Tank and Plants 1 and 3. These tanks are many years beyond their useful life and the time to refurbish the tanks and extend their design life would have been 20 years ago. The extent of deterioration and severe corrosion that now exists is not salvageable or repairable, and we recommend they be demolished and replaced with new treatment tanks. New tank design should include the proper structural design and protective coating systems with proven track records to resist the given wastewater and marine environments.

Figure 2-1: Plant 1 Corrosion and Rust



Figure 2-2: Plant 3 Corrosion and Rust



2.2 Treatment Process

2.2.1 Description of Treatment Process Utilized

The plant consists of surge tanks, aeration, secondary clarification, hypochlorite disinfection, and aerobic digestion of biosolids. The plant utilizes a 0.0181 MGD AADF Rapid Infiltration Basin (RIB) comprised of two basins with a total wetted area of 0.9 acres (0.45 acres each).

2.2.2 Description of Process Flow

Wastewater from the collection system is initially pumped into the facility's two surge tanks. North Peninsula staff indicated that the surge tanks serve as the plant headworks, but the plant does not have any bar screens. North Peninsula representatives stated that the tank is drained once every two years to remove sediment and rags from the tank, the tank was drained at the time of inspection. The surge tanks are connected via a pipe to equalize the level in the tanks. Both surge tanks are aerated.

Figure 2-3: Surge Tanks



Figure 2-4: Surge Tank Pump



Effluent from the surge tanks is pumped into a splitter box which distributes flow into the three wastewater treatment package plants onsite. The splitter box has gates on the outlet pipes to control the flowrate to each plant. The flow splitter box was recently replaced in October of 2020. More detailed descriptions of the individual package plants are presented in the following paragraphs.

Figure 2-5: Flow Splitter Box



2.2.3 Plant 1

Plant 1 is a 0.06 MGD steel package extended aeration plant. The package plant is split into five sections, extended aeration, clarification, disinfection, and aerobic digestion. The steel package plant is built so the bottom is approximately 12 feet below ground level. Water flows between the sections of the plant via baffles located at varying elevations along the 12-foot walls between each section.

Flow from the surge tanks is first sent into the aeration basin of Plant 1 for biological treatment. The air is supplied to the basin via two Howden Roots rotary lobe blowers. The blowers are also used to pump water via air lift pumps throughout the plant.

Figure 2-6: Plant 1 Aeration Basin



Figure 2-7: Plant 1 Blowers



Wastewater then flows into clarifier segment of the plant. North Peninsula contacts stated that the water from the aeration basin flows through a baffle roughly 5 feet below the top of the wall into the clarifier. The bottom of the clarifier is horseshoe shaped so the majority of the sludge normally accumulates in the middle of the clarifier. Sludge that has settled in the bottom of the clarifier is pumped out using an air lift pump on a small, motorized vehicle on a track and sent into the aeration tank. The clarifier does not have a skimmer or any other mechanism to skim algae or solids from the water surface. North Peninsula representatives stated that solids in the clarifier are collected with a net if needed.

Figure 2-8: Plant 1 Clarifier



Figure 2-9: Plant 1 Clarifier Airlift Pump



Figure 2-10: Plant 1 Pump Trough



The trough has a gate that can be lifted so that the sludge can also be sent into the aerobic digester. The aerobic digester operates like an overflow tank for the plant, North Peninsula representatives state that they divert flow into the aerobic digester whenever the liquid level in the plant gets too high. The contents in the aerobic digester are pumped out by a vacuum truck and sent for disposal periodically.

Figure 2-11: Plant 1 Aerobic Digester Flow Gate



Figure 2-12: Plant 1 Aerobic Digester



Water in the clarifier flows over the overflow weir and into the first of the three chlorine contact chambers. These chambers are separated by walls with baffles to allow for adequate contact time with the 12.5% sodium hypochlorite that is added via a Aquasol 50 GPD peristaltic pump. The second chlorine contact chamber has an air lift pump connection to collect sludge from the bottom of the chamber and pump into the clarifier airlift pump trough. The effluent from the final chlorine contact chamber flows to the effluent box and out to the RIBs.

Figure 2-13: Plant 1 Chlorine Contact Chambers and Chlorine Tank



Figure 2-14: Plant 1 Effluent



2.2.4 Plant 2

Plant 2 is a 0.06 MGD concrete extended aeration plant. The package plant consists of 8 concrete segments, four aeration tanks, an aerobic digester, two clarifiers, and a chlorine contact chamber/filter segment.

Flow from the surge tanks is sent into the aeration tanks for biological treatment. The air is supplied to the basins via two Howden Roots rotary lobe blowers. The blowers are also used to pump water via air lift pumps throughout the plant. The system is designed with PVC pipes between the four aeration tanks so that the flow level is equalized throughout the system.

Figure 2-15: Plant 2 Influent Aeration Tank



Figure 2-16: Plant 2 Aeration Basin Tanks & Piping



Wastewater flows from the extended aeration basin into clarifier segment of the plant. Sludge that has settled in the bottom of the clarifier is pumped out using air lift pumps. The clarifier does not have a skimmer or any other mechanism to skim algae or solids on the top of the water. North Peninsula reps stated that solids are collected with a net if needed. The bottom of the clarifiers are sloped so the majority of the sludge accumulates in the middle of the clarifier and then is picked up by the air lift pump and sent into the extended aeration basin. The piping from the airlift pump is designed so that the flow is sent to the influent aerobic digester and a smaller portion will be sent to the aerobic digester for waste. North Peninsula representatives stated that the aerobic digester is periodically pumped out when the liquid level gets too high.

Figure 2-17: Plant 2 Clarifiers



Figure 2-18: Plant 2 Aerobic Digester

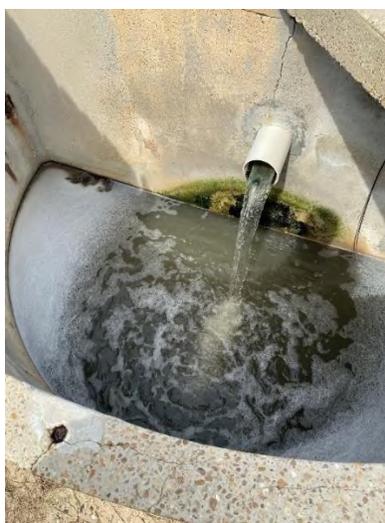


Water that flows over the clarifier weir is directed to the chlorine contact chambers and then sent out to the RIBs. The final effluent tank does have an out of service filter system that could be implemented for tertiary filtration if needed. North Peninsula representatives stated that the filter system has not been operated in many years.

Figure 2-19: Plant 2 Out of Service Filter



Figure 2-20: Plant 2 Effluent



2.2.5 Plant 3

Plant 3 is a 0.09 MGD steel package contact stabilization plant. The package plant is split into four sections: contact tank, clarifier, stabilization tank, and disinfection. The steel package plant is built so the bottom is approximately 12 feet below ground level. Water flows between the sections of the plant via baffles located at varying elevations along the 12-foot walls between sections.

Flow from the surge tank is sent first to the contact tank for biological treatment. The air is supplied to the basin via two Howden Roots rotary lobe blowers which are kept in a small pump house next to the plant. The blowers are also used to pump water via air lift pumps throughout the plant.

Figure 2-21: Plant 3 Contact Tank



Figure 2-22: Plant 3 Blowers



Wastewater then flows from the contact tank into clarifier segment of the plant. North Peninsula contacts stated that the water from the contact tank flows under a baffle roughly 5 feet below the top of the wall into the clarifier. Sludge that has settled in the bottom of the clarifier is pumped out using a similar air lift pump on a small, motorized vehicle on a track as Plant 1. The bottom of the clarifier is horseshoe shaped so the majority of the sludge accumulates in the middle of the clarifier and then is picked up by the air lift pump and sent into the stabilization tank. The clarifier does not have a skimmer or any other mechanism to skim algae or solids on the top of the water. North Peninsula representatives stated that solids are collected with a net if needed.

Figure 2-23: Plant 3 Clarifier



The sludge from the clarifier is sent into the stabilization tank. The stabilization tank consists of two segments and is aerated from the plant's two blowers. The liquid from the first chamber of the stabilization tank flows into the contact tank by flowing under a baffle roughly 5 feet below the liquid level. The trough has a gate that can be lifted so that the sludge can also be sent into the second stabilization tank segment. The second stabilization tank segment operates like an overflow tank for the plant, North Peninsula representatives state that they divert flow into the second chamber whenever the liquid level in the plant gets too high. The contents in the second chamber are pumped out by a vacuum truck and sent for disposal periodically.

Figure 2-24: Plant 3 Stabilization Tanks



Figure 2-25: Plant 3 Stabilization Tank Chambers and Trough



Water flows over the clarifier weir and under a baffle into the chlorine contact chambers. There are two chlorine contact chambers to allow for adequate contact time. The first chamber has a drip feed of 12.5% sodium hypochlorite and flows under a baffle to the second chamber before flowing through the effluent pipe. The final chlorine contact chamber has an air lift pump connection to collect sludge collected on the bottom of the chamber and pumps into the clarifier airlift pump trough. The effluent from the final chlorine contact chamber flows to the effluent box and out to the RIBs.

Figure 2-26: Plant 3 Chlorine Contact Chambers and Effluent



Effluent from the three plants flows by gravity and join in an effluent box which tracks flowrate using an ultrasonic flow meter. The effluent from the box then flows to one of the WWTP's RIBs. The plant has two RIBs with a total wetted area of 0.9 acres (0.45 acres each). The facility's permit states that the RIBs should be cycled so that the fields are loaded for 7 days and then rested for 7 days to allow time for the fields to dry between loading. The maximum annual average loading rate is 7.4 inches per day. The flow can be alternated between either RIB via shutoff valves. The plant

has 4 monitoring wells, 3 compliance monitoring wells and one background monitoring well. North Peninsula submits groundwater sampling reports to FDEP on a quarterly basis. The wells are summarized in Table 2-1. North Peninsula recently added concrete pads and a labeled steel cover for each well. North Peninsula did state that they have not been able to take samples from well MWC-2 for the last few months and were working to contract a well company to investigate the well.

Table 2-1: Monitoring Wells

Well Name	Description	Depth (Feet)
MWB-1B	Background Monitoring Well	24
MWC-2	Compliance Monitoring Well	24
MWC-3	Compliance Monitoring Well	18
MWC-4	Compliance Monitoring Well	16

Figure 2-27: Effluent Box



Figure 2-28: Flowmeter



Figure 2-29: RIB 1



Figure 2-30: RIB 2



Figure 2-31: Monitoring Well



2.2.6 Effectiveness of Treatment Process at Time of Site Visit

In general, the overall effectiveness of the treatment process at the time of visit appeared to be poor. The effluent qualities of plants 1 and 3 appeared cloudy and brown. Plants 1 and 3 needed to install air lift pumps in the chlorine contact chambers by the effluent pipe to pump out sludge that collected in the chambers after going through the biological treatment and clarification process.

Plant 2 appeared to be operating sufficiently. The aeration appeared well mixed, the clarifier weirs appeared to be operating properly, and the effluent looked clear.

2.2.7 Analysis of Sludge Buildup

CSWR advised Woodard & Curran that collection of sludge samples or utilizing a sludge judge to measure sludge depth in the tanks was not necessary. As such, no samples were collected, nor were sludge depth measurements taken.

2.2.8 Outfall Location and Distance from Facility

The discharge for the WWTP is the two RIBs having a total wetted area of 0.9 acres (0.45 acres each). The outfall is located approximately 20 feet from the effluent box. The location of the effluent box and RIBs are shown in the plant map in the figure below. Effluent from the wastewater treatment plant is gravity fed to the RIBs.

Figure 2-32: Plant Map



2.3 Permit Information

2.3.1 Permit Status

The North Peninsula WWTP operates under State of Florida Domestic Wastewater Facility permit number FLA011188, issued by the Florida Department of Environmental Protection (FDEP). The permit was issued on September 4, 2018, and expires on September 3, 2023. The Northern Peninsula WWTP is currently not in compliance with their NPDES permit. North Peninsula was sent a draft Consent Order, included in Appendix A, on August 17, 2021. A full compliance review and discussion of the Consent Order is included in Section 2.3.3.

DEP permits are typically issued for a 5-year period. The facility’s current operating permit is included in Appendix B.

2.3.2 Permitted Flow vs. Actual/Estimated Flow

The permitted maximum annual average flow to the WWTP is 0.181 MGD. According to the plant’s monthly DMR data, the maximum flow since July 2020 was 0.166 MGD and the average flow is 0.075 MGD.

2.3.3 Compliance Review Narrative

The facility’s most recent DEP WWTP inspection was by prompted by an odor complaint on April 28, 2021 where the plant was determined to be in non-compliance with FDEP rules and regulations due to insufficient operator staffing, excessive odors, and excessive vegetation in the RIB’s. The most recent FDEP inspection report is included as Appendix C. The facility has received multiple FDEP complaint inspections (June 12, 2020 and April 14, 2021) in the last few years due to excessive odor complaints from the nearby residents.

The North Peninsula WWTP is currently not in compliance with their NPDES permit. North Peninsula was sent a draft Consent Order, included as Appendix A, on August 17, 2021, which has not yet been executed, pending completion of the following:

- The improvement actions listed in the current permit by the completion date which is a violation of F.A.C. 62-620.320(6).

- Failure to address significant corrosion issues noted in the internal and external walls of the steel package plants (Plants 1 and 3) and the master lift station pump which is a violation of F.A.C. 62-620.610(7).
- Failure to address objectionable odors noted beyond the boundaries of the facility during odor complaint inspections on June 12, 2020 and April 14, 2021.
- During the inspection on April 14, 2021 the facility logbook only show that the operator was onsite for 2 hours per day instead of the required site time of 3 hours per day which is a violation of F.A.C. 62-699.310(2)(a).
- During the inspection of April 14, 2021, the facility effluent disposal area had excessive vegetation which is a violation of F.A.C. 62-610.523(6).

FDEP requires a number of fixes and repairs which are summarized in Table 2-2 below:

Table 2-2: Consent Order Summary

Task	Requirement	Due Date
1	Provide the operator staffing requirement in the operating permit	Immediately
2	Perform an engineering evaluation to determine the cause of the odor complaints and submit a plan of corrective items (Corrective Action Plan).	60 days after order.
3	Complete all items identified in Corrective Action Plan.	180 days after order.
4	Replace steel internal panels in Plant 1 and Plant 3 where significant corrosion is noted.	180 days after order.
5	Complete additional items from June 8, 2020 Engineering Evaluation (Repair bowing in Plant 1 tank and apply coating to tanks), included in Appendix A.	180 days after order.
6	Remove vegetation and scarify the RIBs.	180 days after order.
7	Retain services of professional engineer to evaluate structural integrity of all steel structures and create Structural Evaluation Report.	30 Days after completion of tasks 3-6.
8	Submit Structural Evaluation Report to FDEP for review.	30 days after Structural Evaluation.
9	Submit application for FDEP wastewater permit to construct modifications to permit if required	90 days after Structural Evaluation report is submitted.
10	Complete construction of modifications and submit Certification of Completion prepared and sealed by a Professional Engineer that states the modifications have been constructed in accordance with provisions of permit.	180 days after permit application or 540 days after order.
11	Complete all corrective actions.	Within 540 days after order.
12	Pay \$3,750 for settlement fees.	30 days after order.

2.3.3.1 NOVs

The facility has received multiple consent orders since 2010 (August 17, 2021, July 6, 2018, and October 12, 2010) and additional warning letters related to the operation and maintenance on the plant over its lifetime.

2.3.3.2 DMR Data and Exceedances

The facility submits DMR information on a monthly for the effluent limit criteria shown in Section 2.3.4. Please refer to Table 2-3 for the monthly DMR data submitted from July 2020 through June 2021.

Table 2-3: 2019-2021 Monthly DMR Data

Date	Flow (Pump Station) (MGD)	CBOD Influent (mg/L)	TSS Influent (mg/L)	CBOD Effluent (mg/L)	TSS Effluent (mg/L)	Fecal Coliform (#/100 mL)	Total Nitrogen, Nitrate (As N) (mg/L)	Total N (mg/L)	Chlorine Total Residual (mg/L)	Total P (mg/L)	pH
7/20	0.065	186	121.5	14.5	8.3	3.8	0.25	39.6	0.9	1.5	6.9
8/20	0.061	196	129	7.3	5.8	30.3	0.069	37.7	0.9	4.7	6.9
9/20	0.121	187	129.3	8.8	13.3	0.75	16.4	22.6	0.8	5.4	7
10/20	0.166	319.5	211	9.7	9.5	0.75	0.025	26.8	1.2	1.4	6.9
11/20	0.073	237.5	97.9	5.3	3.8	0.75	1.46	31.2	1	0.28	6.9
12/20	0.058	190.5	142	1.7	5	5.3	0.76	9.4	1	0.25	6.9
1/21	0.057	234	282	8.5	15.3	11.5	15.9	42	1.2	2.8	6.9
2/21	0.055	200	355	36.5	36.7	2	0.025	42.1	1.3	5.5	7.2
3/21	0.063	259.5	339	14.3	12.3	53	8	18.5	1.2	0.65	7.2
4/21	0.065	184	189	10.8	5.5	30.5	0.56	38.2	1.1	5.8	7.1
5/21	0.053	214.5	280	17.8	23.3	2	0.37	9	1.1	1.3	7.1
6/21	0.066	562.5	554.5	5.2	7.7	32.5	0.26	7.3	1.1	3.3	7.1

2.3.3.3 ECHO Non-Compliance Status, Etc.

The North Peninsula Site (FRS ID#: 110027962587) has not been inspected by EPA and currently does not submit compliance monitoring data to EPA, as it is not required. The facility has had no formal or informal enforcement actions within the last 5 years, and there have been no compliance issues on the EPA ECHO database.

2.3.3.4 Any Other Relevant Sources

None.

2.3.4 Copy of Effluent Limits from Permit

Treated effluent limits from the North Peninsula WWTP are summarized in Table 2-4, below:

Table 2-4: North Peninsula WWTP Permitted Effluent Limits

Parameter	Statistical Basis	Limit
Flow (To RIBs)	Annual Average	0.181 MGD
CBOD ₅	Annual Average	20.0 mg/L
	Monthly Average	30.0 mg/L
	Weekly Average	45.0 mg/L
	Single Sample	60.0 mg/L
TSS	Annual Average	20.0 mg/L
	Monthly Average	30.0 mg/L
	Weekly Average	45.0 mg/L
	Single Sample	60.0 mg/L
Fecal Coliform	Monthly Geometric Mean	200# / 100 mL
	Annual Average	200# / 100 mL
	Single Sample	800# / 100 mL
pH	Single Sample	6.0 (Min) 8.5 (Max)
Total Residual Chlorine	Single Sample	0.5 mg/L
Total Nitrogen, Nitrate (as N)	Single Sample	12.0 mg/L
Total Nitrogen (as N)	Single Sample	Report Max
Total Phosphorous (as P)	Single Sample	Report Max

2.3.5 Requirements Regarding Facility Capacity/Expansions

The plant is currently configured to treat up to 0.210 MGD but the flow is limited to 0.180 MGD by permit for the rapid infiltration basin. The average plant flow for 2020 was 0.075 MGD, so the plant is not in currently operating near their permit limit. For the plant to expand, the rapid infiltration basin will have to be modified to have additional surface area. FDEP typically requires a plant to be upgraded to meet a minimum of Class III Reliability requirements, as defined in the EPA's Design Criteria for Mechanical, Electric, and Fluid System and Component Reliability manual when increasing the plant capacity.

2.4 Recommended Repairs and Improvements Summary

2.4.1 Triage Repairs

The recommended repairs should be performed by O&M designated contractor upon facility acquisition:

- Consent Order Requirements:** The plant is currently operating out of compliance with its wastewater permit and under a Consent Order. All of the items listed in the Consent Order should be completed according to the deadlines listed in the Consent Order which are summarized in Table 2-1.
- Tertiary Filtration:** The plant does not currently have any tertiary filtration system which has led to continued issues with the RIBs. A tertiary filtration system could help prevent the rapid infiltration basins from clogging with solids and reduce vegetation in the future.
- Disinfection Systems:** The plant currently has no secondary containment for the sodium hypochlorite storage tanks. In order to install secondary containment for the chemical storage, a structure will have to be installed to protect the secondary containment from filling with rainwater. In addition, a structure around the chemical drums will offer an added protection from damage. This can be accomplished by changing out the bulk tanks with a more compact 275-gallon intermediate bulk container (IBC) and storing the chemicals in an enclosed

container such as the PIG IBC Roll Top Hardcover Spill Pallet, with a 360-gallon containment capacity. An example is shown in Figure 2-33.

Figure 2-33: PIG 275-gallon IBC and Enclosure



2.4.1.1 Measures to Return Plant to Operations

The WWTP is not equipped for remote monitoring and recording. Mission Monitoring would be suitable for achieving this and should be installed at the site.

2.4.1.2 Electrical Items

Vendors have indicated that they will not install their equipment in panels that do not meet code or that are significantly deteriorated. As such, it is recommended a licensed electrical contractor conduct a visit to the site to make a final recommendation based on national and local electrical codes and provide a detailed cost estimate for the work.

The facility does not have an emergency generator onsite.

2.4.1.3 Resolve Safety Hazards

The plant has substantial rust and corrosion noted along the catwalks and walkways throughout the plant. Any of the catwalks and guard rails with severe corrosion should be replaced. The age of Plants 1 and 3 are far past their useful life and could pose safety hazards due to corrosion that can reduce the structural integrity of the plants.

Figure 2-34: Catwalk Corrosion



Figure 2-35: Structural Corrosion



2.4.1.4 Additional Equipment or Processes

Currently, Plants 1 and 3 are in poor condition. Plant 2 appears to be operating properly.

Based on our review and inspection, Woodard & Curran believes the best long-term approach would be to replace Plants 1 and 3 with a single new 0.150 MGD packaged treatment plant that can meet effluent requirements. We

acknowledge that this approach may be more expensive in the short-term, however, and CSWR has requested that rehabilitation costs be provided as a means to minimize short-term expenditures to maintain compliance with the current discharge permit. Costs provided in Section 4 of this report are therefore based on this approach. It should be noted that at the time of inspection, the tanks could not be drained and cleaned, and the costs presented are based only on what could be seen by the inspectors above the water line.

The plant does not currently have a screening system, the “headworks” of the facility is the surge tank which accumulates large amounts of debris and rags inside of the tank. To reduce operator labor to clean the tanks and improve the quality of the wastewater to the treatment system, an automated, self-cleaning screen should be installed.

3. WASTEWATER COLLECTION SYSTEM

3.1 Collection System Description

The original collection system was built when the North Peninsula Utilities plant was constructed.

The collection system consists of 6-inch wastewater piping. Refer to Appendix D for maps of the collection system. Wastewater from the collection system flows by gravity to pump stations that pump wastewater to the WWTP. The collection system map shows the current connections (highlighted green) and potential expansions (highlighted yellow). The Fairwinds estate development has a 25 and 71-connection multi-unit section, the 25-connection multi-unit is not yet constructed, and the 71-connection multi-unit is constructed but not all of the units have connected to the sanitary sewer system. There is also an 8-acre development south of the plant that has been planned but not yet constructed with the possibility of up to 46 new Equivalent Residential Connections that will be connected to the sewer system. North Peninsula Representatives stated that the Kingston Shores development with 110 multi-units is already constructed but was not connected to their sanitary sewer system.

The system currently has 440 sewer connections based off the North Peninsula Services Sold reports. The collection system map in Appendix D shows current and potential connections in the plant's service area. Refer to Appendix E for the June 2021 Customer List.

3.1.1 Description of Type, Material, Size, Footages, Age, Etc.

The North Peninsula collection system includes 5 lift stations. There are 4 lift stations located in the communities served by North Peninsula which all pump wastewater to the onsite lift station. Three of the 4 community lift stations are owned and operated by Volusia County, while North Peninsula owns and operates one community lift station and the onsite lift station. The two lift stations owned by North Peninsula Utilities (Influent Lift Station and Onsite Lift Station) have Mission Monitoring which tracks the run times and number of starts per week for both pump stations. The condition and equipment at the county owned and operated lift station is unknown because North Peninsula operators do not have access to the County lift stations.

Table 3-1: Table of Pump Stations

Name	Location	Pump Information	Backup	General Condition
Community Lift Station	Northeast of WWTP	2x Gorham Rupp 13A2-B pumps	None	Fair
County Lift Station #3	Peninsula Winds	Unknown	Unknown	Unknown
County Lift Station #4	Barrier Island	Unknown	Unknown	Unknown
County Lift Station #5	Sandpiper Ridge	Unknown	Unknown	Unknown
Onsite Lift Station	Onsite next to packaged WWTP	2x Gorham Rupp 13A2-B pumps	None	Fair

Figure 3-1: Plant Onsite Lift Station



Figure 3-2: Community Lift Station



Figure 3-3: County Lift Station



3.1.2 General Flow Description

Wastewater from the Influent pump station and the three county lift stations are pumped to the onsite pump station which then pumps the wastewater flow into the plant for treatment.

3.1.3 Triage Repairs

No triage repairs or replacement measures are required for the pump stations.

3.1.3.1 Necessary Measures for Normal Operating Conditions

No repairs or replacement measures are required for the pump stations.

3.1.3.2 Resolve Safety Hazards

No additional safety measures are required for the pump stations.

4. CAPITAL ESTIMATE

4.1 Triage Repairs

Repairs needed to address safety and liability hazards, as well as upgrades needed to bring North Peninsula WWTP back into compliance and normal operating conditions are summarized with cost estimates in Table 4-1. As indicated prior, repair costs are based on Woodard & Curran's limited inspections. Table 4-2 presents the estimated costs for the corrective actions required under the Consent Order. The total cost estimate for Triage and Consent Order Repairs at the North Peninsula WWTP is: **\$680,000**.

Table 4-1: General Plant Triage Repairs

Recommendation	Estimate
Consent Order Repairs	\$514,000
Tertiary Filtration	\$125,000
Install Flood Lights	\$1,000
Upgrade Electrical	\$15,000
Mission Monitoring and Instrumentation for WWTP and Distribution System	\$20,000
Chemical Containment	\$5,000
Total	\$680,000

Table 4-2: Consent Order Repairs

Recommendation	Estimate
Provide the operator staffing requirement in the operating permit	Additional \$15,000/year
Perform an engineering evaluation to determine the cause of the odor complaints and submit a plan of corrective items (Corrective Action Plan).	\$30,000
Complete all items identified in Corrective Action Plan.	\$70,000
Replace steel internal panels in Plant 1 and Plant 3 where significant corrosion is noted. (Replacement recommended)	\$360,000 ¹
Complete additional items from June 8, 2020 Engineering Evaluation (Repair bowing in Plant 1 tank and apply coating to tanks) (Replacement recommended)	
Remove vegetation and scarify the RIBs.	\$5,000
Retain services of professional engineer to evaluate structural integrity of all steel structures and create Structural Evaluation Report.	\$20,000
Submit application for FDEP wastewater permit to construct modifications to permit if required	\$10,000
Complete construction of modifications and submit Certification of Completion prepared and sealed by a Professional Engineer that states the modifications have been constructed in accordance with provisions of permit.	
Settlement fees.	\$4,000
Total	\$514,000

¹ Replacement and Repair costs based on CSWR's expert opinion after repairing and rehabilitating systems of similar size and condition.

4.2 Long-Term Improvements

4.2.1 New WWTP Package Plant

W&C's long-term recommendation is to replace the existing Plants 1 and 3 with a new package WWTP with surge tank. Costs are provided here for future planning purposes. The proposed replacement WWTP package plant is based on a flow of 0.150 MGD to match the existing Plant 1 and Plant 3 design capacities. However, the total plant currently operates at an average of 0.075 MGD, and the anticipated future developments are not officially planned or expected to drastically increase wastewater flow to the plant if implemented. The total cost estimate for a new package WWTP at the North Peninsula WWTP is: **\$1,850,000**.

Table 4-3: Wastewater Treatment Package Plant Improvements

Recommendation	Estimate
0.150 MGD WWTP Package Plant	\$1,500,000 ¹
Surge Tank Replacement	\$350,000 ²
Total	\$1,850,000

¹ Estimated cost of \$10/Gallon treated

² Estimate does not include any shoring or dewatering.

4.2.2 Supplemental Recommendations

Additional recommendations for future improvements are provided below to increase the reliability of the North Peninsula WWTP. While not needed in the short-term, they could provide increased performance of the plant. The recommendations and cost estimates are summarized in Table 4-4. The total cost estimate for long-term future improvements and other repairs at the North Peninsula WWTP is estimated at **\$110,000**.

Table 4-4: Additional Improvements

Recommendation	Estimate
Headworks Screen	\$100,000
Clarifier Launder Covers	\$10,000
Total	\$110,000

APPENDIX A: CONSENT ORDER



FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Interim Secretary

August 17, 2021

Robert Hillman, Owner
North Peninsula Utilities Corporation
1326 John Anderson Drive
Ormond Beach, Florida 32176
developershw@gmail.com

Re: North Peninsula Utilities WWTF
DW Facility ID #FLA011188
OGC Case No: 20-1313
Volusia County

Dear Mr. Hillman:

Enclosed is a Consent Order ("Order") prepared by the Department for resolution of the referenced enforcement case. Please review this document and within 20 days of receipt, either: 1) return a signed copy to the Department or 2) provide comments and suggested changes. Once fully executed, a copy of the final document will be forwarded to you.

Should you have any questions or comments, please contact Dr. Phil Kane at 407-897-4156 or via e-mail at phil.kane@FloridaDEP.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron Watkins".

Aaron Watkins, Director
Central District

Enclosure: Draft Consent Order

cc: FDEP: David Smicherko

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT)	IN THE OFFICE OF THE
OF ENVIRONMENTAL PROTECTION)	CENTRAL DISTRICT
)	
v.)	OGC FILE NO. 20-1313
)	
NORTH PENINSULA UTILITIES)	
CORPORATION)	
_____)	

CONSENT ORDER

This Consent Order (Order) is entered into between the State of Florida Department of Environmental Protection (Department) and North Peninsula Utilities Corporation (Respondent) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida’s air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (F.S.), and the rules promulgated and authorized in Title 62, Florida Administrative Code (F.A.C.). The Department has jurisdiction over the matters addressed in this Order.
2. Respondent is a person within the meaning of Section 403.031(5), F.S.
3. Respondent is the owner and is responsible for the operation of the North Peninsula Utilities Wastewater Treatment Facility, a 0.21 million gallons per day (MGD) design capacity and a 0.181 MGD annual average daily flow (AADF) permitted capability wastewater treatment plants (one contact stabilization plant (Plant #2) and two extended aeration plants, (Plant #1 & Plant #3)), which includes flow equalization, influent screening, aeration, secondary clarification, chlorination, aerobic digestion, with restricted land application of effluent to two rapid infiltration basins(RIBs) (“Facility”). The Facility is operated under Wastewater Permit No. FLA011188-004 (Permit), which was issued on

September 4, 2018 and will expire on September 3, 2023. The Facility is located at Seabridge Drive, Parcel ID 321605000001, Ormond Beach, in Volusia County, Florida ("Property"). Respondent owns the Property on which the Facility is located.

4. The Department finds that the following violation(s) occurred:

a) Respondent failed to complete the "Improvement Action" listed in the current permit by the "Completion Date" of December 31, 2018, in violation of Rule 62-620.320(6), F.A.C. The Improvement Action to be performed was "Review and as needed add concrete pads around monitoring wells, repair or replace risers, remove vegetation in the well area, provide locked well caps and label the wells."

b) Respondent failed to address significant corrosion issues noted in both internal and external walls of steel plants #1 and #3 and the master lift station pump in violation of Rule 62-620.610(7), F.A.C.

c) Objectionable odors were noted beyond the boundaries of the facility during a complaint inspection conducted on June 12, 2020 and a complaint inspection on April 14, 2021.

d) During a complaint inspection conducted on April 14, 2021 the facility logbook showed that the operator was not fulfilling the required site time of 3 hours/day 5 days/week and a weekend visit. The site time in the logbook was 2 hours/day. The lack of operation time is a violation of Chapter 62-699.310 (2)(a), F.A.C. A Class C or higher operator 3 hours/day for 5 days/week and one weekend visit. The lead/chief operator must be a Class C operator or higher.

e) During a complaint inspection conducted on April 14, 2021 the facility effluent disposal area had excessive vegetation in violation of Chapter 62-610.523 (6) Rapid infiltration basins, percolation ponds, basins, trenches, or cells shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Respondent shall immediately provide the operator staffing required in the wastewater permit FLA011188.

b) Within 60 days of the effective date of this Order, Respondent shall perform an engineering evaluation to determine the cause of the odor complaints and submit a plan of corrective action items (“Corrective Action Plan”).

c) Within 180 days of the effective date of this Order, Respondent shall complete all items identified in the Corrective Action Plan noted in paragraph 5(a).

d) Within 180 days of the effective date of this Order, Respondent shall replace the steel internal panels in Plant #1 and Plant #3 where significant corrosion was noted, all holes must be patched and properly coated.

e) Within 180 days of the effective date of this Order, Respondent shall complete the additional items noted in the engineering evaluation performed on June 8, 2020 (Exhibit #1).

f) Within 180 days of the effective date of this Order, Respondent shall remove vegetation and scarify the rapid infiltration basins.

g) Within 30 days of the completion of paragraphs 5(b) through (e), Respondent shall retain the services of a professional engineer, registered in the State of Florida, to evaluate the structural integrity of all the steel structures at the Facility (“Structural Evaluation Report”) as noted in the engineering evaluation on June 8, 2020 (Exhibit #1).

h) Within 30 days of the date of the structural evaluation discussed in paragraph 5(g), Respondent shall submit the Structural Evaluation Report to the Department for review.

i) Within 90 days of the date the Department receives the Structural Evaluation Report noted in paragraph 5(g), Respondent shall submit a complete application for a

Department wastewater permit to construct the modifications listed in subparagraph 5(g), if such a permit is required.

j) Within 180 days of the date of a wastewater permit is issued, or, if no permit is required, within 540 days of the date of the order, Respondent shall complete construction of the modification(s) developed pursuant to paragraph 5(h) and submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facility, effluent disposal system, and collection system have been constructed in accordance with the provisions of the Permit. Respondent shall submit the Certification of Completion to the Department within 30 days after the wastewater permit authorizing said construction is issued.

k) Within 540 days of the effective date of this Order Respondent shall complete all corrective action items identified in the Structural Evaluation Report, if applicable.

6. Every quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These reports shall also include a projection of the work Respondent will perform pursuant to this Order during the 12-month period which will follow the report. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

7. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions required by paragraphs 5 within 540 of the effective date of this Order and be in full compliance with Rule 62-620, F.A.C., regardless of any intervening events or alternative time frames imposed in this Order, other than those excused delays agreed to by the Department, as described in paragraph 14.

8. Within 30 days of the effective date of this Order, Respondent shall pay the Department \$3,750.00 in settlement of the regulatory matters addressed in this Order. This amount includes \$3,500.00 for civil penalties and \$250.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order.

9. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at:

<http://www.fldepportal.com/go/pay/>. It will take a number of days after this order is final, effective and filed with the Clerk of the Department before ability to make online payment is available.

10. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Compliance Assurance Program, Department of Environmental Protection, Central District 3319 Maguire Blvd., Suite 232, Orlando, Florida, 32803.

11. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

12. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

13. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

14. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

15. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

16. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

17. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to \$15,000.00 per day per violation, and criminal penalties.

18. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

19. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

20. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

21. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

22. Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of 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, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; 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 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 the petitioner contends warrant reversal or modification of the agency's proposed action;
- f) A statement of the specific rules or statutes 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 petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 or received via electronic correspondence at Agency_Clerk@floridadep.gov, within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Florida Department of Environmental Protection, Central District, 3319 Maguire Blvd., Suite

232, Orlando, Florida, 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

23. Rules referenced in this Order are available at <http://www.dep.state.fl.us/legal/Rules/rulelist.htm>

FOR THE RESPONDENT:

Robert L. Hillman
President

Date

DONE AND ORDERED this _____ day of _____, 2021, in Orange,
Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Aaron Watkins
District Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk,
receipt of which is hereby acknowledged.

Clerk

Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35

Exhibit #1 – June 8, 2020 Engineering Evaluation Additional Items

1. To reduce the rate of corrosion, particularly above the water line of the metal tanks, the levels should be "pulled down" and the metal painted once the corrosion work has been completed.
2. A slight "bowing" at the northeast end of Plant #1 tank will need to be addressed. Some support will need to be added to that area.

APPENDIX B: FDEP OPERATING PERMIT



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

NOTICE OF PERMIT ISSUANCE

Sent via email to: developershw@gmail.com

Robert L. Hillman, Vice President
North Peninsula Utilities Corporation
Post Office Box 2803
Ormond Beach, FL 32175

Volusia County - DW
North Peninsula Utilities WWTF

Enclosed is Permit Number FLA011188 to operate a domestic wastewater facility issued under Sections 403.087 and 403.0885 of the Florida Statutes.

Monitoring requirements under this permit are effective on November 1, 2018. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements.

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 hearing process may result in a modification of the agency action or even denial of the application.

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 Rules 28-106.201 and 28-106.301, 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;
- (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, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant 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 applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within **14** days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within **14** days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. 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, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the 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.

Judicial Review

Once this decision becomes final, 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 Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Nathan Hess, Program Administrator
Permitting and Waste Cleanup Program

NH/ee

Enclosures: Permit, DMR and SOB

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

David Smicherko, DEP, david.smicherko@dep.state.fl.us

Mary Ann Kraus, DEP, mary.kraus@dep.state.fl.us

Shabbir Rizvi, DEP, shabbir.rizvi@dep.state.fl.us

Sirena Davila, DEP, sirena.davila@dep.state.fl.us

Gene Elliott, DEP, gene.elliott@dep.state.fl.us

Mark Cadenhead, P.E., Cadenhead Environmental Engineering Services, Inc.

Mark_cadenhead@bellsouth.net

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

September 4, 2018

Date



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

North Peninsula Utilities Corporation

PERMIT NUMBER: FLA011188

FILE NUMBER: FLA011188-004-DW2P

EFFECTIVE DATE: September 4, 2018

EXPIRATION DATE: September 3, 2023

RESPONSIBLE OFFICIAL:

Mr. Robert Hillman
1326 John Anderson Drive
Ormond Beach, Florida 32176
(386) 677-7847

FACILITY:

North Peninsula Utilities WWTF
Seabridge Drive
Ormond Beach, FL 32175
Volusia County
Latitude: 29°22' 46.12" N Longitude: 81°4' 58.61" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above-named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

This is an existing 0.21 MGD design capacity and 0.180 MGD annual average daily flow (AADF) permitted capacity domestic wastewater treatment plant consisting of one 0.06 MGD steel extended aeration plant (No. 1), one 0.06 MGD concrete contact stabilization plant (No.2), and one 0.09 MGD steel extended aeration plant (No. 3). Major process components include flow equalization, influent screening, aeration, secondary clarification, chlorination and aerobic digestion of residuals. **Flows to this facility are limited to 0.181 MGD AADF, the capacity of the existing reuse system, R001, described below.**

REUSE OR DISPOSAL:

Land Application R-001: An existing 0.181 MGD annual average daily flow permitted capacity rapid infiltration basin system. R-001 is a reuse system which consists of two rapid infiltration basins (RIBs) with a total wetted area of 0.9 acres located approximately at latitude 29°22' 45" N, longitude 81°4' 57" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 17 of this permit.

PERMITTEE: North Peninsula Utilities Corporation
 FACILITY: North Peninsula Utilities WWTF

PERMIT NUMBER: FLA011188
 EXPIRATION DATE: September 3, 2023

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.7.:

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number	
Flow (To RIBs)	MGD	Max Max	0.181 Report	Annual Average Monthly Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-1	See I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Bi-weekly; every 2 weeks	8-hr FPC	EFA-1	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Bi-weekly; every 2 weeks	8-hr FPC	EFA-1	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Bi-weekly; every 2 weeks	Grab	EFA-1	See I.A.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Grab	EFA-1	See I.A.5
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Bi-weekly; every 2 weeks	8-hr FPC	EFA-1	See I.A.6
Nitrogen, Total	mg/L	Max	Report	Single Sample	Monthly	8-hr FPC	EFA-1	See I.A.7
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Monthly	8-hr FPC	EFA-1	See I.A.7

PERMITTEE: North Peninsula Utilities Corporation
FACILITY: North Peninsula Utilities WWTF

PERMIT NUMBER: FLA011188
EXPIRATION DATE: September 3, 2023

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-1	Ultrasonic flow meter at the common effluent metering vault
EFA-1	Common metering vault after chlorine contact chambers

3. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-600.200(25)]*
4. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. *[62-600.440(5)(b)]*
5. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510][62-600.440(5)(c) and (6)(b)]*
6. Nitrate nitrogen (NO₃) concentration in the water discharged to the land application system shall not exceed 12.0 mg/L or as required to comply with Rule 62-610.510, F.A.C. *[62-610.510]*
7. Monitoring for total nitrogen (TN) and total phosphorus (TP) are required as allowed by Rule 62-600.650(3), F.A.C., to evaluate impacts of reclaimed water to ground and surface waters in an impaired water basin. *[62-600.650(3)]*

PERMITTEE: North Peninsula Utilities Corporation
 FACILITY: North Peninsula Utilities WWTF

PERMIT NUMBER: FLA011188
 EXPIRATION DATE: September 3, 2023

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7.:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Total through plant)	MGD	Max	0.181 Report Report	Annual Average Monthly Average Quarterly Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-1	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	FLW-1	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Bi-weekly; every 2 weeks	8-hr FPC	INF-1	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Bi-weekly; every 2 weeks	8-hr FPC	INF-1	See I.B.3

PERMITTEE: North Peninsula Utilities Corporation
FACILITY: North Peninsula Utilities WWTF

PERMIT NUMBER: FLA011188
EXPIRATION DATE: September 3, 2023

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-1	Ultrasonic flow meter at the common effluent metering vault
INF-1	Raw influent to surge tank

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-600.660(4)(a)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
5. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-600, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "F.A.C. 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs is not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. [62-4.246, 62-160]

6. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. [62-600.650(2)]
7. **Monitoring requirements under this permit are effective on November 1, 2018.** Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

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REPORT Type on DMR	Monitoring Period	Submit by
Monthly	first day of month - last day of month	28 th day of following month
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee may submit either paper or electronic DMR forms. If submitting electronic DMR forms, the permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at <http://www.fldepportal.com/go/>. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

Electronic submittal is preferred, by sending to DEP_CD@dep.state.fl.us.

If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department's Central District Office at the address specified in Permit Condition I.B.10. by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-600.680(1)]

8. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C. (except for asbestos, total coliform, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28th of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-600.660(2) and (3)(d)][62-600.680(2)][62-610.300(4)]*
9. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2 on or before January 1 of each year. *[62-610.870(3)]*
10. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Florida Department of Environmental Protection
 Central District
 3319 Maguire Blvd.
 Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407)897-4100
 FAX Number - (850)412-0467
 (All FAX copies and e-mails shall be followed by original copies.)

[62-620.305]

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- All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

- Biosolids generated by this facility may be transferred to American Bioclean, Inc. or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. [62-620.320(6), 62-640.880(1)]
- The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. [62-640.650(4)(a)]
- Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.B.7.

Parameter	Units	Max/Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1

[62-640.650(5)(a)1]

- Biosolids quantities shall be calculated as listed in Permit Condition II.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Biosolids leaving the facility

- The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. [62-640.400(6)]
- Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
- Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]

B. Disposal

- Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(b) & (c)]

C. Transfer

- The permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. [62-640.880(1)(b)]

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10. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility	Biosolids Treatment Facility or Treatment Facility
1. Date and time shipped	1. Date and time received
2. Amount of biosolids shipped	2. Amount of biosolids received
3. Degree of treatment (if applicable)	3. Name and ID number of source facility
4. Name and ID Number of treatment facility	4. Signature of hauler
5. Signature of responsible party at source facility	5. Signature of responsible party at treatment facility
6. Signature of hauler and name of hauling firm	

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

D. Receipt

11. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to paragraph 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*

III. GROUND WATER REQUIREMENTS

1. The permittee shall give at least 72-hours' notice to the Department's Central District Office, prior to the installation of any monitoring wells. *[62-520.600(6)(h)]*
2. Before construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location to properly determine monitoring well specifications such as well depth, screen interval, screen slot, and filter pack. *[62-520.600(6)(g)]*
3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's Central District Office well completion reports and soil boring/lithologic logs on the attached DEP Form(s) 62-520.900(3), Monitoring Well Completion Report. *[62-520.600(6)(j) and .900(3)]*
4. All piezometers and monitoring wells not part of the approved ground water monitoring plan shall be plugged and abandoned in accordance with Rule 62-532.500(5), F.A.C., unless future use is intended. *[62-532.500(5)]*
5. For the Part IV land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for Land Application Site R-001 shall extend horizontally 100 feet from the application site and vertically to the base of the surficial aquifer. *[62-520.200(27)] [62-520.465]*
6. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4)]*
7. If the concentration for any constituent listed in Permit Condition III.10. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative background quality shall be the prevailing standard. *[62-520.420(2)]*
8. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the monitoring wells identified in Permit Condition III.9., below in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. *[62-520.600] [62-610.510]*

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9. The following monitoring wells shall be sampled for Reuse System R-001 located at Land Application Site RIB-001.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude	Longitude	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWB-1B	Background monitoring well	29°4' 46"	81°4' 59"	24	Surficial	Background	Existing
MWC-2	Compliance monitoring well	29°4' 44"	81°4' 56"	24	Surficial	Compliance	Existing
MWC-3	Compliance monitoring well	29°4' 45"	81°4' 56"	18	Surficial	Compliance	Existing
MWC-4	Compliance monitoring well	29°4' 46"	81°4' 55"	16	Surficial	Compliance	Existing

[62-520.600] [62-610.510]

10. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.9.:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	ft	In Situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5-8.5	s.u.	Grab	Quarterly
Turbidity	Report	NTU	Grab	Quarterly
Sodium, Total Recoverable	160	mg/L	Grab	Quarterly

[62-520.600(11)(b)] [62-600.670] [62-600.650(3)] [62-520.310(5)]

11. Water levels shall be recorded before evacuating each well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NAVD allowable) at a precision of plus or minus 0.01 foot. *[62-520.600(11)(c)] [62-610.510(3)(b)]*
12. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. *[62-160.210] [62-600.670(3)]*
13. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Central District Office as being more representative of ground water conditions. *[62-520.310(5)]*
14. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.B.7. *[62-520.600(11)(b)] [62-600.670] [62-600.680(1)] [62-620.610(18)]*
15. If any monitoring well becomes inoperable or damaged to the extent that sampling or well integrity may be affected, the permittee shall notify the Department's Central District Office within two business days from discovery, and a detailed written report shall follow within ten days after notification to the Department. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence or request approval for replacement of the monitoring well. All monitoring well design and replacement shall be approved by the Department's Central District Office before installation. *[62-520.600(6)(l)]*
16. The permittee shall sample the following monitoring well(s): MWC-3 for the primary and secondary drinking water parameters included in Rules 62-550.310 and 62-550.320, F.A.C. (except for asbestos and all parameters in Table 5 of Chapter 62-550, F.A.C., other than Di(2-ethylhexyl) adipate and Di(2-ethylhexyl) phthalate). Results of this sampling shall be submitted to the Department's Central District Office with the application for permit renewal. Sampling shall occur no sooner than 180 days before submittal of the renewal application. *[62-520.600(5)(b)]*

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17. Based on the results of the Effluent Analysis Report, parameter Sodium has been added to the existing Groundwater Monitoring Plan for the period of at least 12-quarters. *[[62-520.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601][62-601.300(6)] [62-520.300(9)]]*

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part IV Rapid Infiltration Basins

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*
2. The maximum annual average loading rate to the two rapid infiltration basins (RIBs) shall be limited to 7.4 inches per day (as applied to the entire bottom area). *[62-610.523(3)]*
3. The RIBs normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle.*[62-610.523(4)]*
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7)]*
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414]*
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 3 hours/day for 5 days/week and one weekend visit. The lead/chief operator must be a Class C operator or higher.

2. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.

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- a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
- b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
- c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of any required record drawings;
- h. Copies of the licenses of the current certified operators;
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and
- j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

[62-620.350, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

- 1. The following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Review and as needed add concrete pads around monitoring wells, repair or replace risers, remove vegetation in the well area, provide locked well caps and label the wells.	12/31/2018

[62-620.320(6)]

- 2. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:
 - a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or
 - b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

[62-620.335(1) - (4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

- 1. This facility is not required to have a pretreatment program at this time. *[62-625.500]*

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VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall comply with all conditions and requirements for reuse contained in their consumptive use permit issued by the Water Management District, if such requirements are consistent with Department rules. *[62-610.800(10)]*
2. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(5) and 62-640.400(6)]*
3. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
4. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
5. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.*[62-604.130(5)]*
6. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1) and 62-600.400(2)(b)]*
7. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
8. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*
9. The permittee shall provide verbal notice to the Department's Central District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Central District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*

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10. The permittee shall provide notice to the Department of the following:

- a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
- b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), 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 authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and 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. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties 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; 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. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times 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. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

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9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules. *[62-620.610(9)]*
10. 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 permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, 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. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17)]*

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18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-600, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
20. The permittee shall report to the Department's Central District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
 - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 - (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
 - (a) Name, address, and telephone number of person reporting;
 - (b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - (c) Date and time of the discharge and status of discharge (ongoing or ceased);

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- (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - (e) Estimated amount of the discharge;
 - (f) Location or address of the discharge;
 - (g) Source and cause of the discharge;
 - (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - (i) Description of area affected by the discharge, including name of water body affected, if any; and
 - (j) Other persons or agencies contacted.
- (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Central District Office within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Central District Office shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
- b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.
- c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.
- e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
 - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.

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- (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.
- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Nathan Hess, Program Administrator
Permitting and Waste Cleanup Program

PERMIT ISSUANCE DATE: September 4, 2018

Attachment(s):
Discharge Monitoring Report
Monitor Well Completion Report

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	North Peninsula Utilities Corporation	PERMIT NUMBER:	FLA011188-004-DW2P	DMR Effective Date	November 1, 2018
MAILING ADDRESS:	1326 John Anderson Drive Ormond Beach, Florida 32176-	LIMIT:	Final	REPORT FREQUENCY:	Monthly
FACILITY:	North Peninsula Utilities WWTF	CLASS SIZE:	N/A	PROGRAM:	Domestic
LOCATION:	Seabridge Drive Ormond Beach, FL 32175-	MONITORING GROUP NUMBER:	R-001		
		MONITORING GROUP DESCRIPTION:	Rapid infiltration basins (RIBs), including Influent		
		RE-SUBMITTED DMR:	<input type="checkbox"/>		
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>		
COUNTY:	Volusia	MONITORING PERIOD	From: _____	To: _____	
OFFICE:	Central District				

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow (To RIBs)	Sample Measurement								
PARM Code 50050 Y Mon. Site No. FLW-1	Permit Requirement	0.181 (An .Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow (To RIBs)	Sample Measurement								
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement	Report (Mo. Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement								
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement								
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo. Avg.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement								
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement								
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo. Avg.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement									
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement				200 (An. Avg.)		#/100mL		Bi-weekly; every 2 weeks	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement				200 (Mo. Geo. Mn.)	800 (Max.)	#/100mL		Bi-weekly; every 2 weeks	Grab
pH	Sample Measurement									
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement									
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement									
PARM Code 00620 A Mon. Site No. EFA-1	Permit Requirement					12.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement					Report (Max.)	mg/L		Monthly	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement									
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement					Report (Max.)	mg/L		Monthly	8-hr FPC
Flow (Total through plant)	Sample Measurement									
PARM Code 50050 P Mon. Site No. FLW-1	Permit Requirement		0.181 (An. Avg.)	MGD					5 Days/Week	Flow Totalizer
Flow (Total through plant)	Sample Measurement									
PARM Code 50050 Q Mon. Site No. FLW-1	Permit Requirement	Report (Qt. Avg.)	Report (Mo. Avg.)	MGD					5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement									
PARM Code 00180 1 Mon. Site No. FLW-1	Permit Requirement					Report (Mo. Avg.)	percent		Monthly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement					Report (Max.)	mg/L			Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement					Report (Max.)	mg/L			Bi-weekly; every 2 weeks	8-hr FPC
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	North Peninsula Utilities Corporation	PERMIT NUMBER:	FLA011188-004-DW2P
MAILING ADDRESS:	1326 John Anderson Drive Ormond Beach, Florida 32176-	LIMIT:	Final
		CLASS SIZE:	N/A
FACILITY:	North Peninsula Utilities WWTF	MONITORING GROUP NUMBER:	RMP-Q
LOCATION:	Seabridge Drive Ormond Beach, FL 32175-	MONITORING GROUP DESCRIPTION:	Biosolids Quantity
		RE-SUBMITTED DMR:	<input type="checkbox"/>
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>
COUNTY:	Volusia	MONITORING PERIOD	From: _____ To: _____
OFFICE:	Central District		

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement							
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons				Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement							
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons				Monthly	Calculated
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	North Peninsula Utilities Corporation	PERMIT NUMBER:	FLA011188-004-DW2P
MAILING ADDRESS:	1326 John Anderson Drive Ormond Beach, Florida 32176-	LIMIT:	Final
		CLASS SIZE:	N/A
FACILITY:	North Peninsula Utilities WWTF	MONITORING GROUP NUMBER:	RWS-A
LOCATION:	Seabridge Drive Ormond Beach, FL 32175-	MONITORING GROUP DESCRIPTION:	Annual Reclaimed Water or Effluent Analysis
		RE-SUBMITTED DMR:	<input type="checkbox"/>
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>
		MONITORING NOT REQUIRED:*	<input type="checkbox"/>
COUNTY:	Volusia	MONITORING PERIOD	From: _____ To: _____
OFFICE:	Central District		

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement							
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement							
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement							
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement							
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement							
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement							
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.

**GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED. SIGN AND DATE:

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA011188-004-DW2P

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement							
PARM Code 00722 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement							
PARM Code 00951 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Lead, Total Recoverable (GWS = 15)	Sample Measurement							
PARM Code 01114 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mercury, Total Recoverable (GWS = 2)	Sample Measurement							
PARM Code 71901 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Nickel, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01074 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement							
PARM Code 00620 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement							
PARM Code 00615 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement							
PARM Code 00630 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Selenium, Total Recoverable (GWS =50)	Sample Measurement							
PARM Code 00981 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Sodium, Total Recoverable (GWS = 160)	Sample Measurement							
PARM Code 00923 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement							
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement							
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement							
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement							
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement							
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement							
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement							
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement							
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement							
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement							
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement									
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement									
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement									
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement									
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement									
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement									
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement									
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement									
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement									
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement									
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement							
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement							
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10 ⁻⁵)	Sample Measurement							
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement							
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement							
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement							
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement							
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement							
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement							
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement							
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____

To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement							
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement							
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement							
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement							
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement							
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement							
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement							
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement							
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement							
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement							
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____

To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement							
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement							
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement							
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement							
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement							
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement							
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement							
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement							
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement							
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement							
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA011188-004-DW2P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement							
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement							
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement							
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement							
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement							
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement							
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement							
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement							
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement							
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement							
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: North Peninsula Utilities WWTF

MONITORING GROUP NUMBER: RWS-A
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA011188-004-DW2P

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement							
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement							
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement							
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	s.u.		Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement							
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement							
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA011188-004-DW2P
From: _____ To: _____

Facility: North Peninsula Utilities WWTF

	BOD, Carbonaceous 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Nitrogen, Nitrate, Total (as N) mg/L	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L	Solids, Total Suspended mg/L	pH s.u.	Flow (Total through plant) MGD	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L
Code	80082	50060	74055	00620	00600	00665	00530	00400	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1											
2											
3											
4											
5											
6											
7											
8											
9											
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11											
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22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

GROUNDWATER MONITORING REPORT - PART D

Facility Name: North Peninsula Utilities WWTF
 Permit Number: FLA011188-004-DW2P
 County: Volusia

Monitoring Well ID: MWB-1B
 Well Type: Background
 Description: Background monitoring well
 Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
pH	00400		Report	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		Report	mg/L	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: North Peninsula Utilities WWTF
 Permit Number: FLA011188-004-DW2P
 County: Volusia

Monitoring Well ID: MWC-2
 Well Type: Compliance
 Description: Compliance monitoring well
 Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: North Peninsula Utilities WWTF
 Permit Number: FLA011188-004-DW2P
 County: Volusia

Monitoring Well ID: MWC-3
 Well Type: Compliance
 Description: Compliance monitoring well
 Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: North Peninsula Utilities WWTF
 Permit Number: FLA011188-004-DW2P
 County: Volusia

Monitoring Well ID: MWC-4
 Well Type: Compliance
 Description: Compliance monitoring well
 Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. < 0.001 . A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

**STATEMENT OF BASIS
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FLA011188-004
FACILITY NAME: North Peninsula Utilities WWTF
FACILITY LOCATION: Seabridge Drive, Ormond Beach, FL 32175
Volusia County
NAME OF PERMITTEE: North Peninsula Utilities Corporation
PERMIT WRITER: E. Elliott, Engineer IV

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA011188-004-DW2P
Application Submittal Date: March 5, 2018

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private
SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	0.181 mgd Annual Average Daily Flow
Proposed Increase in Permitted Capacity:	0 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	0.181 mgd Annual Average Daily Flow

d. Description of Wastewater Treatment

An existing 0.21 MGD three-month average daily flow (design capacity) wastewater treatment facility consisting of a 0.06 MGD steel extended aeration plant (No. 1), a 0.06 MGD concrete contact stabilization plant (No.2), and a 0.09 MGD steel extended aeration plant (No. 3). Major process components include flow equalization, influent screening, aeration, secondary clarification, chlorination and aerobic digestion of residuals. Flows to this facility are limited to 0.181 MGD AADF, the capacity of the existing reuse system, R001, described below.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

R-001 is a reuse system which consists of two rapid infiltration basins (RIBs) with a total wetted area of 0.9 acres having a capacity of 0.181 MGD located approximately at latitude 29°22' 45" N, longitude 81°4' 57" W

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-001, a rapid infiltration basin system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (To RIBs)	MGD	Max	0.181	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(a)2. FAC
		Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(b)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(b)2. FAC
		Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(b)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(b)4. FAC
Coliform, Fecal	#/100mL	Max	200	Monthly Geometric Mean	62-610.510 & 62-600.440(5)(a)2. FAC
		Max	200	Annual Average	62-610.510 & 62-600.440(5)(a)1. FAC
		Max	800	Single Sample	62-610.510 & 62-600.440(5)(a)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-610.510 & 62-600.440(5)(c) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	62-610.510(1) FAC
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-600.530(3)FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-600.530(3)FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Total through plant)	MGD	Max	0.181	Annual Average	62-600.700(2)(b) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) FAC
		Max	Report	Quarterly Average	62-600.700(2)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-600 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-600, 62-610.412, 62-610.463(1), 62- 610.568, 62-610.613 FAC and/or BPJ of permit writer

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FLA011188-004-DW2P expires on September 3, 2023. No changes in limits. Sampling for Sodium in the monitoring wells has been deficient. This has been made a new priority.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to American Bioclean, Inc. or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency	All Parameters				62-640.650(5)(a) FAC

6. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 600, 610, and 620, F.A.C. The existing Ground Water Monitoring Plan does not have an intermediate well, because it appeared that the environment would be better served with an additional compliance well rather than having an intermediate well.

Arsenic, Cadmium, Chromium, Sulfate and Lead are currently not included in the Ground Water Monitoring Plan (GWMP) because they are not believed to be present in the effluent; however, if the Department has any reasons in the future to believe that these metals are present in the effluent, they will be added to the Ground Water Monitoring Plan sampling list.

Confirmation samples were not collected when there was an exceedance. Confirmation samples must be collected. Sodium was added to the previous permit, but has not been analyzed in the groundwater samples collected during the current permit.

The permittee has added sodium to the GWMP and will analyze for it during the third quarter of 2018. According to the OMPR submitted with the application, the monitoring wells were not locked or labeled and the condition of the risers were poor. The risers need to be repaired or replaced and the monitoring wells need to be locked and labeled. Vegetation in the ponds and around the monitoring wells must be cleared.

7. PERMIT SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Review and as needed add concrete pads around monitoring wells, repair or replace risers, remove vegetation in the well area, provide locked well caps and label the wells.	12/31/2018

[62-620.320(6)]

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This facility has entered into CO-1800258, executed 07/27/2018, with the Department, which includes corrective action to address corrosion and other long standing operational problems.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 13. Copies will be provided at a minimal charge per page.

12. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Permit Issuance

September 4, 2018

13. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Gene Elliott
Gene.elliott@dep.state.fl.us
Central District Office

3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767

Telephone No.: 407-897-4151

APPENDIX C: FDEP INSPECTION REPORT



FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

April 28, 2021

Robert Hillman, Owner
North Peninsula Utilities
Seabridge Drive
Ormond Beach, FL 32176
developershw@gmail.com

Re: Warning Letter
North Peninsula Utilities WWTF (AKA Seabridge)
DW FLA011188
Volusia County

Dear Mr. Hillman:

A Complaint Inspection was conducted at your facility on April 14, 2021. During this inspection, possible violations of Chapter 403, F.S., Chapter 62-699, Florida Administrative Code (F.A.C.), Chapter 62-610, F.A.C., and Chapter 62-620, F.A.C. were observed.

During the inspection Department personnel noted the following:

- Entries in the operator's logbook indicate insufficient staffing by an appropriately certified operator. This facility requires that a certified operator of at least Class C be on-site 3 hours per day, five (5) days per week, and one (1) visit each weekend.
- Excessive odors were noted beyond the boundaries of the wastewater treatment plant.
- A Rapid Infiltration Basin (RIB) at the effluent reuse area contained excessive vegetation.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to Sections 403.121, Florida Statutes.

Please contact Dr. Phil Kane, at 407-897-4156, within **7 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Company Name; North Peninsular Utilities WWTF (AKA Seabridge) Facility ID No.: FLA011188

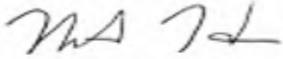
Warning Letter

Page 2 of 2

April 28, 2021

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "AW 7L", is positioned below the word "Sincerely,".

On behalf of:

Aaron Watkins, Director

Central District

Florida Department of Environmental Protection

AW/ds/pk

Enclosures: Inspection Report

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

Facility Name and Physical Address North Peninsula Utilities WWTF (AKA Seabridge) Seabridge Drive Ormond Beach, FL 32176	WAFR ID FLA011188	County Volusia	Entry Date 4/14/2021	Entry Time 933 AM
	Facility Phone # (386) 677-7847		Exit Date 4/14/2021	Exit Time 947 AM

LAT	29	°	22	′	46.12	″
LONG	81	°	4	′	58.61	″

Name(s) of Field Representatives(s) and Title Glenn Wetherell/Operator <small>Click or tap here to enter text.</small>	Operator Certification # <small>Click or tap here to enter text.</small>	Email <small>Click or tap here to enter text.</small>	Phone 386-673-4161 <small>Click or tap here to enter text.</small>
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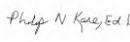
Name & Address of Permittee / Designated Rep. Robert Hillman PO Box 1364 Ormond Beach, Florida 32175	Title Owner	Email developershw@gmail.com	Phone (386) 677-7847
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Inspection Type	C	I			Samples Taken(Y/N): N	Sample ID#: na	Samples Split (Y/N) : N
<input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial							

FACILITY COMPLIANCE AREAS EVALUATED							
<small>IC = In Compliance; MC = Minor Out of Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE = Not Evaluated Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"</small>							
	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
NA	1. ♦ Permit	NA	3. Laboratory	NA	6. Facility Site Review	NA	9. ♦ Effluent Quality
NA	2. ♦ Compliance Schedules	NA	4. Sampling	NA	7. Flow Measurement	NC	10. ♦ Effluent Disposal
		NC	5. ♦ Records & Reports	NC	8. ♦ Operation & Maintenance	NA	11. Biosolids
						NA	12. ♦ Groundwater
NE	14. Other					NA	13. ♦ SSO Survey

Facility and/or Order Compliance Status:	<input type="checkbox"/> In-Compliance	<input checked="" type="checkbox"/> Out-Of -Compliance	<input type="checkbox"/> Significant-Out-Of-Compliance
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Recommended Actions: Warning Letter

Name(s) and Signature(s) of Inspector(s) Dr. Phil Kane 	District Office/Phone Number CD/407-897-4156	Date 4/23/2021
Name and Signature of Reviewer David Smicherko 	District Office/Phone Number CD/407-897-4169	Date 4/26/2021

Single Event Violations (*SNC SEVs)

Check for Yes	Evaluation Area	Description	Finding Description	Finding ID
<input type="checkbox"/>	Permit	Effluent Violations - Unapproved Bypass	Wastewater was diverted from a portion of the treatment process without department approval.	UNBY
<input type="checkbox"/>	*Permit	Permit Violations - Discharge Without a Valid Permit	The facility was operating without a permit or with an expired permit.	UPHI
<input type="checkbox"/>	Permit	Permit Violations - Failure to Submit Timely Permit Renewal Application	The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration.	PFSA
<input type="checkbox"/>	Laboratory	Management Practice Violations - Laboratory Not Certified	The laboratory was not certified by the Florida Department of Health and therefore is not certified to meet NELAC standards.	LNCE
<input type="checkbox"/>	Sampling	Monitoring Violations - Analysis not Conducted	The facility failed to collect and/or analyze samples as required by permit or enforcement action.	ANCV
<input type="checkbox"/>	Sampling	Monitoring Violations - Failure to Monitor for Toxicity Requirements	The facility failed to collect and/or analyze routine or follow-up toxicity samples.	FTOX
<input type="checkbox"/>	Records and Reports	Management Practice Violations - Failure to Develop Adequate SPCC Plan	The facility failed to develop or maintain their Spill Prevention Control and Countermeasures (SPCC) plan.	FSPC
<input type="checkbox"/>	Records and Reports	Management Practice Violations - Failure to Maintain Records	The facility failed to maintain records for the required retention period.	FMRR
<input type="checkbox"/>	Records and Reports	Reporting Violations - Failure to Notify	The permittee failed to notify the department of any event or activity that requires notification as required by permit or rule.	RSWP
<input type="checkbox"/>	Records and Reports	Reporting Violations - Failure to Submit DMRs	The permittee failed to submit any DMR required by rule, permit, or enforcement action in a timely manner.	FDMR
<input type="checkbox"/>	Records and Reports	Reporting Violations - Failure to submit required report (non-DMR, non-pretreatment)	The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs.	FRPT
<input checked="" type="checkbox"/>	Facility Site Review	Management Practice Violations - Improper Land Application (non-503, non-CAFO)	The land application system was not being maintained.	LASN
<input type="checkbox"/>	Flow Measurement	Monitoring Violations - No Flow Measurement Device	The facility failed to install a flow measurement device, an approved flow measurement device, or a working flow measurement device.	NOFL
<input type="checkbox"/>	Operation and Maintenance	Management Practice Violations - Improper Operation and Maintenance	The facility failed to follow their operation and maintenance plan/manual or their Biosolids Nutrient Management Plan.	IONM
<input type="checkbox"/>	Operation and Maintenance	Management Practice Violations - Inflow/Infiltration (I/I)	The facility had an inflow and infiltration problem causing collection system issues and/or operational issues.	ININ
<input type="checkbox"/>	Operation and Maintenance	Management Practice Violations - No Licensed/Certified Operator	The facility was being operated without a certified operator or by an operator that is not licensed for the size of plant.	ONCO
<input type="checkbox"/>	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute toxicity has been documented through follow-up tests.	EATX
<input type="checkbox"/>	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent chronic toxicity has been documented through follow-up tests.	ECTX
<input type="checkbox"/>	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute or chronic toxicity has been documented in the effluent through the use of routine and follow-up tests.	ETOX
<input type="checkbox"/>	Effluent Quality	Effluent Violations - Narrative Effluent Violation	The facility violated a permit or enforcement narrative effluent limit.	XNEV
<input type="checkbox"/>	*Effluent Quality	Effluent Violations - Reported Fish Kill	The facility had a discharge of wastewater that resulted in a fish kill.	XFSH
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Discharge to Waters	A sewage spill from any components of a collection/transmission system or from a treatment plant reached surface waters including stormwater conveyance system or drainage ditch.	SSO1
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Failure to Maintain Records or Meet Record Keeping Requirements	The facility failed to keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system.	SSO2
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Failure to monitor	The facility failed to collect and/or analyze bacteriological samples for sewage spills that reached surface waters.	SSO3
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Failure to report violation that may endanger public health 122.41(1)(7)	The facility failed to report a sewage spill within 24 hours of discovery.	SSO4
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Improper Operation and Maintenance	The facility failed to perform routine preventative maintenance to keep the collection/transmission system in good working order.	SSO5
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Overflow to Dry Land	A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake.	SSO6

Facility Treatment Summary: A 0.210 MGD average daily flow (TMADF) wastewater treatment facility consisting of one existing 0.060 MGD steel contact stabilization plant, one existing 0.060 MGD concrete contact stabilization plant, and one existing 0.090 MGD steel extended aeration plant. Major process components include flow equalization, influent screening, aeration, secondary clarification, chlorination and aerobic digestion of residuals. Flows to this facility are limited to 0.181 MGD AADF, the capacity of the existing reuse system, R001.

1. Permit: Not Applicable
2. Compliance Schedules: Not Applicable

3. Laboratory: Not Applicable

4. Sampling: Not Applicable

5. Records and Reports: Out-of-Compliance

5.1 Deficiency: The facility logbook showed that the operator was not fulfilling the required site time of 3 hours/day 5 days/week and a weekend visit. The site time in the logbook was 2 hours/day.

Rule/Permit Reference: Permit Condition V.1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 3 hours/day for 5 days/week and one weekend visit. The lead/chief operator must be a Class C operator or higher.

Corrective Action: Maintain operator site time as required by permit.

6. Facility Site Review: Not Applicable

7. Flow Measurement: Not Applicable

8. Operation and Maintenance: Out-of-Compliance

8.1 Deficiency: Excessive odors were noted beyond the boundaries of the wastewater treatment plant.

Rule/Permit Reference: Chapter 62-620.610(7) F.A.C. The permittee shall at all times 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.

Corrective Action: Maintain odor control such that excessive odors are not noted beyond the boundaries of the wastewater treatment plant.

9. Effluent Quality: Not Applicable

10. Effluent Disposal: Out-of-Compliance

10.1 Deficiency: An effluent disposal area RIB had excessive vegetation.

Rule/Permit Reference:

Permit Condition IV.A.4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)].

Corrective Action: Maintain the effluent disposal pond areas as required.

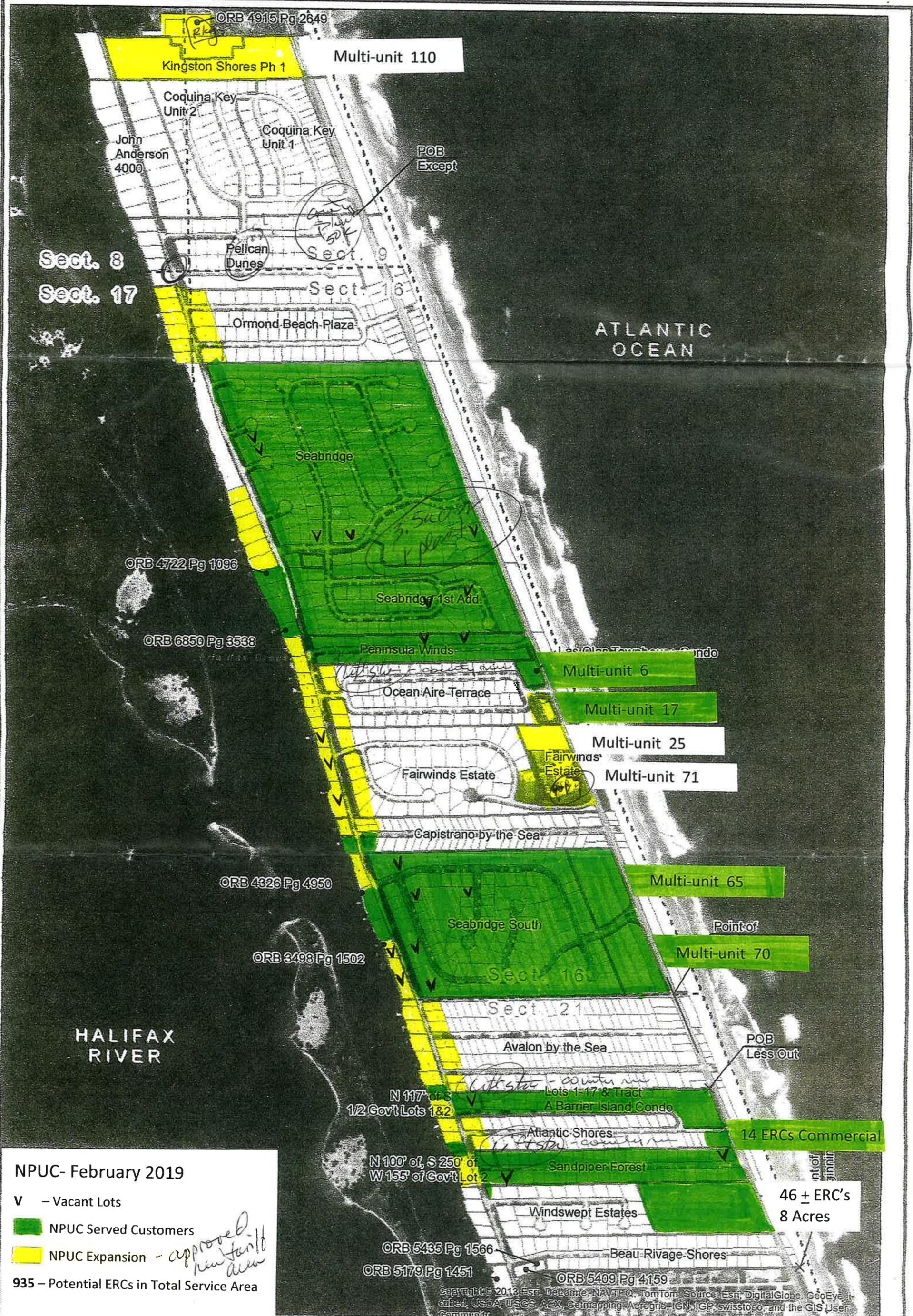
11. Biosolids: Not Applicable

12. Groundwater Quality: Not Applicable

13. SSO Survey: Not Applicable

14. Other: Not Evaluated

APPENDIX D: COLLECTION MAP



APPENDIX E: CUSTOMER LIST

Prepayments to NPUC into 2021

Customer Code:	Name:	Amount Prepaid as of Jan 1, 2021:
1189	Michael and Judith Corbett	\$60.01
1229	Galvis Cevin Erwin	\$76.52
1347	Dawn Sautter	\$197.88
1556	Erin Cantrell	\$66.98
1611	Azzat Talic	\$13.56
1749	Manuel Damiao	\$76.41
1827	Sarah Ritcey	\$50.43
1856	Jeff Scheniman	\$51.70

North Peninsula Utilities Corp.

Customer List
6/28/2021

Page 1

All Customers sorted by Code

Billing Address

Location

Customer Code:1002	Phone: 954-345-9114	Cell:	E-mail: 305-623-7600
		Work:	
		Fax:	
Rick & Linda Beadel		3000 Ocean Shore Blvd.	
3000 Ocean Shore Blvd. Unit 1		Unit 1	
Ormond Beach FL 32176		Ormond Beach, FL 32176	

Customer Code:1003	Phone: 305-804-8394	Cell:	E-mail:
		Work:	
		Fax:	
Edward Miller		3000 Ocean Shore Blvd.	
3000 Oceanshore #4		Unit 4	
Ormond Beach FL 32176		Ormond Beach, FL 32176	

Customer Code:1004	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Siri Familgietti		7 Sea Dune Terrace	
Thomas Debonis			
7 Sea Dune Terrace			
Ormond Beach FL 32176			

Customer Code:1005	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Robert MacDonald		Robert MacDonald	
20 Seabridge Dr		20 Seabridge Drive	
Ormond Beach FL 32176		Ormond Beach, Florida 32176	

Customer Code:1006	Phone: 441-5672	Cell:	E-mail:
		Work:	
		Fax:	
John W Klinefelter		46 Sea Harbor Dr. E	
Evelyn Joan Witt		Ormond Beach, FL 32176	
46 Sea Harbor Drive E.			
Ormond Beach Fl 32176			

North Peninsula Utilities Corp.

Customer List

6/28/2021

Page 2

All Customers sorted by Code

Billing Address

Location

Customer Code:1007

Phone: 704-202-7461

Cell:

E-mail:

Work:

Fax:

Bob Hall

5 Sea Dune Terrace
Ormond Beach FL 32176

5 Sea Dune Terrace
Ormond Beach, FL 32176

Customer Code:1008

Phone: 415-299-9124

Cell:

E-mail:

Work:

Fax:

Ann Forsell

43 Sea Island Drive North
Ormond Beach FL 32176

43 N Sea Island Dr

Customer Code:1009

Phone:

Cell:

E-mail:

Work:

Fax:

Barbara Gould

132 Sandpiper Ridge Dr
Ormond Beach FL 32176

132 Sandpiper Ridge Dr

Customer Code:1010

Phone: 845-279-5891

Cell:

E-mail:

Work:

Fax:

Kevin and Elizabeth Hudak

140 Sandpiper Dr.
Ormond Beach FL 32176

140 Sandpiper Ridge Dr

Customer Code:1012

Phone: 441-1158

Cell:

E-mail: 366-4459 cel 1

Work:

Fax:

Lisa Cunningham

3 Sand Dollar
Ormond Beach FL 32176

3 Sand Dollar
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

6/28/2021

Page 3

All Customers sorted by Code

Billing Address

Location

Customer Code:1013	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
New Owner			
27 Seabridge Dr.		27 Seabridge Dr.	
Ormond Beach FL 32176		Ormond Beach FL 32176	
Customer Code:1014	Phone: 441-8103	Cell:	E-mail:
		Work:	
		Fax:	
Ronald I. Cahen			
20 Sea Harbor West		20 Sea Harbor West	
Ormond Beach FL 32176			
Customer Code:1015	Phone: 386-316-8071	Cell:	E-mail:
		Work:	
		Fax:	
Anthony J. Stabile			
48 E Sea Harbor Drive		48 E Sea Harbor Drive	
Ormond Beach FL 32176		OB FL 32176	
Customer Code:1016	Phone: 386-441-4613	Cell:	E-mail:
		Work:	
		Fax:	
Ronald Gilbert			
3553 John Anderson Drive		3553 John Anderson Drive	
Ormond Beach FL 32176		Ormond Beach FL 32176	
Customer Code:1017	Phone: 441-0858	Cell:	E-mail:
		Work:	
		Fax:	
Roderick Murray			
7 Sea Park Terrace		7 Sea Park Terrace	
Ormond Beach FL 32176		Ormond Beach FL 32176	

North Peninsula Utilities Corp.

Customer List

6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:1018 Phone: 441-3048 Cell: E-mail:
Work:
Fax:

Thomas and Lynn Maize

32 Sea Harbor Dr. - W
Ormond Beach FL 32176

32 Sea Harbor Dr. - W
Ormond Beach FL 32176

Customer Code:1019 Phone: Cell: E-mail:
Work:
Fax:

Jeffery Tussing

22 Sea Island Drive - S
Ormond Beach FL 32176

22 Sea Island Drive - S
Ormond Beach, FL 32176

Customer Code:1020 Phone: c: 547-3466 Cell: E-mail:
Work:
Fax:

Alvaro F. Guillem

3546 John Anderson Drive
Ormond Beach FL 32176

3546 John Anderson Drive
Ormond Beach FL 32176

Customer Code:1021 Phone: 441-5663 Cell: E-mail:
Work:
Fax:

Lewis Skymer

100 Penninsula Winds Dr.
Ormond Beach FL 32176

100 Penninsula Winds
Ormond Beach FL 32476

Customer Code:1022 Phone: 314-324-7055 Cell: Veda E-mail:
Work:
Fax:

Paul A. Martroelli

5 Sea Hawk Drive
Ormond Beach FL 32176

5 Sea Hawk Drive

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1023 Phone: 203-756-4147 Cell: E-mail:
Work:
Fax:

Frank Shurretto
4 Highland Drive
Prospect CT 06712

4 Sea Watch Terrace
Ormond Beach FL 32176

Customer Code:1024 Phone: 508-735-2189 Cell: E-mail:
Work:
Fax:

Joyce Giglio
44 Purchase St.
Carver MA 02330

11 Sea Hawk Drive
Ormond Beach, FL 32176

Customer Code:1025 Phone: 905-582-3622 Cell: E-mail:
Work:
Fax: 843-379-5290

John D Cook III
Pamela N Cook
133 Barrier Island Dr.
Ormond Beach FL 32176

133 Barrier Island Dr
Ormond Beach FL 32176

Customer Code:1026 Phone: 441-6786 Cell: E-mail:
Work:
Fax:

Barbara and Gerald Cvetko
10 Seabridge Drive
Ormond Beach FL 32176

10 Seabridge Drive
Ormond Beach FL 32176

Customer Code:1027 Phone: Cell: E-mail:
Work:
Fax:

Ronald D Berkheimer
3203 John Anderson Dr.
Ormond Beach FL 32176

3202 John Anderson Drive
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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Page 6

All Customers sorted by Code

Billing Address

Location

Customer Code:1028

Phone: 516-457-0010

Cell:

E-mail:

Work:

Fax:

Francine Harley
Ernest Acuna
4 Brandon Crest Court
Hauppauge NY 11749

13 Sea Swallow Terrace

Customer Code:1029

Phone: 615-717-7766

Cell:

E-mail:

Work:

Fax:

Katie Black

3212 John Anderson Dr.
Ormond Beach FL 32176

3212 John Anderson Dr.

Customer Code:1030

Phone:

Cell:

E-mail:

Work:

Fax:

Heather Walsh

3000 Ocean Shore Blvd. 23
Ormond Beach FL 32176

3000 OSB 23

Customer Code:1031

Phone: 847-259-4541

Cell:

E-mail:

Work:

Fax:

Gregory and Cathleen Lapkoff

3000 Oceanshore Blvd. 20
Ormond Beach FL 32176

3000 Oceanshore Blvd. Unit 20

Customer Code:1032

Phone: 352-250-3529

Cell:

E-mail:

Work:

Fax:

Melody Papozion Lopez

34120 Parkview Ave.
Eustis FL 3273632176

3000 Oceanshore Blvd. Unit 21

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1033	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

New Owner

19 Sea Hawk Drive
Ormond Beach FL 32176

19 Sea Hawk Drive

Customer Code:1034	Phone: 561-254-7704	Cell:	E-mail:
		Work:	
		Fax:	

Dianna Milligan

18839 Hamin Blvd.
Loxahatchee FL 33470

3000 ocean shore unit 18

Customer Code:1035	Phone: 727-432-3499	Cell:	E-mail:
		Work:	
		Fax:	

Gayle Woodley

3000 Oceanshore Blvd 17
Ormond Beach FL 32176

3000 Oceanshore Blvd 17

Customer Code:1036	Phone: 305-606-7848	Cell:	E-mail:
		Work:	
		Fax:	

Joe Galdo

3567 John Anderson Dr.
Ormond Beach FL 32176

3567 John Anderson Dr.

Customer Code:1037	Phone: 813-504-5567	Cell:	E-mail:
		Work:	
		Fax:	

Brandon and Misty Lee

3000 Oceanshore Blvd. 19
Ormond Beach FL 32176

3000 Ocean shore blvd
#19

North Peninsula Utilities Corp.

Customer List

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Page 8

All Customers sorted by Code

Billing Address

Location

Customer Code:1038 Phone: 401-678-0065 Cell: E-mail:
Work:
Fax:

Gina and Gary Wilson

3000 Oceanshore Blvd. Unit 22
Ormond Beach FL 32176

3000 Oceanshore Blvd. 22

Customer Code:1039 Phone: 503-396-7663 Cell: E-mail:
Work:
Fax:

Darcy Thomas

111 Sandpiper Ridge Dr.
Ormond Beach FL 32176

111 Sandpiper Ridge

Customer Code:1040 Phone: 334-612-0622 Cell: E-mail:
Work:
Fax:

Derriek Pennington

29833 Barkley Street
Livonia MI 48154

1 Sea Watch Terrace

Customer Code:1041 Phone: 609-234-1020 Cell: E-mail:
Work:
Fax:

Steven Morton

118 Peninsula Winds Dr
Ormond Beach FL 32176

118 Peninsula Winds Dr

Customer Code:1042 Phone: Cell: E-mail:
Work:
Fax:

Wendy and Michael Grubber

112 Peninsula Winds Dr
Ormond Beach FL 32176

112 Peninsula Winds Dr

North Peninsula Utilities Corp.

Customer List
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All Customers sorted by Code

Billing Address

Location

Customer Code:1043	Phone: 386-843-3680	Cell:	E-mail:
		Work:	
		Fax:	

Jacob Gaider

58 Sea Harbor Drive East
Ormond Beach FL 32176

58 Sea Harbor Drive East

Customer Code:1044	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Sandra Savariego

60 Sea Harbor Dr. East
Ormond Beach FL 32176

60 Sea Harbor Dr. East

Customer Code:1045	Phone: 734-323-6838	Cell:	E-mail:
		Work:	
		Fax:	

Claudette Weaver

108 Sandpiper Ridge
Ormond Beach FL 32176

108 Sandpiper Ridge Dr.

Customer Code:1046	Phone: 954-559-5471	Cell:	E-mail:
		Work:	
		Fax:	

Terry A. Vetter

11 Sea Grape Terrace
Ormond Beach FL 32176

11 Sea Grape Terrace
3568 Oceanshore Blvd.
Ormond Beach FL 32176

Customer Code:1047	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Charles and Patricia Gleichmann

3300 John Anderson Dr.
Ormond Beach FL 32176

3300 John Anderson Dr.

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1048

Phone: 265-52923

Cell:

E-mail:

Work:

Fax:

Barbara and Rocco Matra

3029 John Anderson Dr
Ormond Beach FL 32176

3029 John Anderson Dr

Customer Code:1049

Phone: 931-4754 Robin

Cell:

E-mail: 314-324-7055 Vita O'Dell

Work:

Fax: hisites@aol.c

Lagerhead Bar and Grill LLC

2986 Oceanshore Blvd.
Ormond Beach FL 32176

2986 Oceanshore Blvd.
14 ERC 's

Customer Code:1050

Phone:

Cell:

E-mail:

Work:

Fax:

Daniel and Michelle Bussert

11 Sea Drift Terrace
Ormond Beach FL 32176

11 Sea Drift Terrace

Customer Code:1051

Phone: 386-627-3049

Cell: 386-627-3050

E-mail:

Work:

Fax:

John and Melinda Andrisen

3040 John Anderson Dr.
Ormond Beach FL 32176

3040 John Anderson Dr.

Customer Code:1055

Phone: 566-6043

Cell:

E-mail: 566-0771

Work:

Fax:

John Andres

43 Sea Harbor Drive East
Ormond Beach FL 32176

43 Sea Harbor Drive East
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1056	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Carmen Huici-Lopez		32 Sand Dollar	
32 Sand Dollar			
Ormond Beach FL 32176			
Customer Code:1069	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Elaine Sipe		7 Sea Harbor Drive West	
7 Sea Harbor Drive West		Ormond Beach, FL 32176	
Ormond Beach FL 32176		904-441-2286	
Customer Code:1078	Phone: 516-747-0343	Cell:	E-mail:
		Work:	
		Fax:	
Mario S & Rosa Ciccotto		4 Sea Island Drive	
128 Roselle Street			
Mineola NY 11501			
Customer Code:1079	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Aaron Gurgens		16 Sea Harbor Drive	
16 Sea Harbor Drive		Ormond Beach, FL 32176	
Ormond Beach, FL 32176			
Customer Code:1088	Phone: 441-5978	Cell:	E-mail:
		Work:	
		Fax:	
Veronica Zachary		24 Seabridge Drive	
24 Seabridge Drive			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

Customer List

6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:	Phone:	Cell:	E-mail:
1089		Work: Fax:	
Carolyn and Thomas Danielak 17 Sea Harbor Drive West Ormond Beach FL 32176		17 Sea Harbor Drive West	
1111		Cell: Work: Fax:	E-mail:
TOSH GARY A & BARBARA L 5 Sand Dollar Ormond Beach FL 32176		5 Sand Dollar	
1112	Phone: 386-236-7636	Cell: Work: Fax:	E-mail:
Teresa Sanders 33 Sea Gull Drive Ormond Beach FL 32176		33 Sea Gull Drive Ormond Beach FL 32176	
1134	Phone: 386-505-1024	Cell: Work: Fax:	E-mail: mguild@daytonapm.com
Ocean Aire Condo Association 1326 S Ridgewood Ave. #6 Daytona Beach FL 32114		Ocean Aire 17 Units 3390 Oceanshore Blvd.	
1135	Phone: 441-4103	Cell: Work: Fax:	E-mail:
Marc Berkowitz & Olga DeSosa 30 Seabridge Drive Ormond Beach FL 32176		30 Seabridge Drive	

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1136

Phone: 785-476-5853

Cell:

E-mail:

Work:

Fax:

Don Lucky

49 Sea Harbor Drive East

PO Box 203

Stockton KS 67669

Customer Code:1138

Phone: 252-5775

Cell:

E-mail:

Work:

Fax:

Jay & Margaret McBride

12 Sea Harbor Drive West

12 Sea Harbor Drive West

Ormond Beach FL 32176

Customer Code:1165

Phone: 407-491-1848

Cell:

E-mail:

Work:

Fax:

Trudey Baron

7 Sea Drift Terrace

7 Sea Drift Terrace

Ormond Beach FL 32176

Customer Code:1166

Phone: 908-303-3723

Cell:

E-mail:

Work:

Fax:

Charles Schulz

20 Sea Hawk Drive

20 Sea Hawk Drive

Ormond Beach FL 32176

Ormond Beach FL 32176

Customer Code:1167

Phone: 407-433-3807

Cell:

E-mail: tomalipit@gmail.com

Work:

Fax:

Alice and Thomas Pitoscia

3 Sea Oat Terrace

3 Sea Oat Terrace

Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1173

Phone: 203-248-0322

Cell:
Work:
Fax:

E-mail:

Rick Berlepsch
3 Sea Hawk Dr
Ormond Beach FL 32176

3 Sea Hawk Dr.

Customer Code:1176

Phone: 441-6815

Cell:
Work:
Fax:

E-mail:

George Altieri
10 Sea Island Drive
Ormond Beach FL 32176

10 Sea Island Drive

Customer Code:1177

Phone:

Cell:
Work:
Fax:

E-mail:

Rosemarie Frankie
3301 John Anderson Dr.
Ormond Beach FL 32176

3301 John Anderson Dr.

Customer Code:1179

Phone: 441-0175

Cell:
Work:
Fax:

E-mail: 341-4352

Ernest L. Zimmerman
26 Sand Dollar Drive
Ormond Beach FL 32176

26 Sand Dollar Drive

Customer Code:1181

Phone: 423-649-2952

Cell:
Work:
Fax:

E-mail:

Laurence Culver
3569 John Anderson Dr
Ormond Beach FL 32176

3569 John Anderson Drive

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1184 Phone: 441-8320 Cell: E-mail:
Work:
Fax:

Cynthia and Bradley Butler

8 Sea Harbor Dr.
Ormond Beach FL 32176

8 Sea Harbor Drive West

Customer Code:1189 Phone: 954-649-5338 Cell: E-mail:
Work:
Fax:

Michael and Judith Corbett

8 Sea Island Dr
Ormond Beach FL 32176

8 Sea Island Drive
Ormond Beach, FL 32176

Customer Code:1190 Phone: 441-2092 x904 Cell: E-mail:
Work:
Fax:

Donald Larned

16 Seabridge Drive
Ormond Beach FL 32176

16 Seabridge Drive

Customer Code:1192 Phone: 207-577-7901 Cell: E-mail:
Work:
Fax:

Casey Herring

35 Sea Gull Drive
Ormond Beach FL 32176

35 Sea Gull Drive

Customer Code:1193 Phone: 561-546-8750 Cell: E-mail:
Work:
Fax:

Joy Meyers

3219 John Anderson Drive
Ormond Beach, FL 32176

3219 John Anderson Dr.
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1194	Phone: 441-7858	Cell:	E-mail:
		Work:	
		Fax:	
Kathleen Kelly		15 SEA HAWK	
15 Seahawk Dr.		Ormond Bch, FL	
Ormond Beach FL 32176		32176	
Customer Code:1196	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Michael Mastrototaro		22 Sea Gull Drive	
22 Sea Gull Dr.			
Ormond Beach FL 32176			
Customer Code:1198	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Brock Jewell		5 Sea Grape Terrace	
2029 Epsilon Court		Ormond-By-The-Sea, FL 32176	
Orange Park FL 32073			
Customer Code:1200	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Raymond Royce		16 Sea Hawk Drive	
16 Sea Hawk Dr			
Ormond Beach FL 32176			
Customer Code:1201	Phone: 441-2664	Cell:	E-mail:
		Work:	
		Fax:	
Joseph Eckenrode			
15 Sea Drift Terrace			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1202

Phone: 206-892-8664

Cell:

E-mail:

Work:

Fax:

Janelle G. Morgan
Nathan A. Clark
3551 John Anderson Dr
Ormond Beach FL 32176

3551 John Anderson Drive
Ormond Beach FL 32176

Customer Code:1203

Phone:

Cell:

E-mail:

Work:

Fax:

John Hussey

3100 John Anderson Dr
Ormond Beach FL 32176

3100 John Anderson

Customer Code:1205

Phone: 401-744-4970

Cell:

E-mail:

Work:

Fax:

Susan Salustio

75 Smith St.
Lincoln RI 02865

26 Sea Gull Drive

Customer Code:1210

Phone: 770-926-4653

Cell:

E-mail:

Work:

Fax:

John Carilli
Custom Design Golf
38 Sand Dollar Dr.
Ormond Beach FL 32176

38 Sand Dollar Dr

Customer Code:1211

Phone: 441-6169

Cell:

E-mail:

Work:

Fax:

John Eads

36 Sand Dollar Drive
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1212

Phone: 290-4062 - Rob

Cell:

E-mail:

Work:

Fax:

Robert Hood

34 Sand Dollar Drive
Ormond Beach FL 32176

Customer Code:1213

Phone:

Cell:

E-mail:

Work:

Fax:

Richard & Diane Rider

25 Sea Harbor Drive West
Ormond Beach FL 32176

25 Sea Harbor Drive West

Customer Code:1214

Phone: 847-436-2677

Cell:

E-mail:

Work:

Fax:

Randy Boss

18 S. Sea Island Dr.
Ormond Beach FL 32176

Customer Code:1215

Phone: 203-798-6776

Cell:

E-mail: 441-7856

Work:

Fax:

Timothy and Marilyn Tomlinson

1 Sea Drift Terrace
Ormond Beach FL 32176

1 Sea Drift Terrace
Ormond Beach, FL 32176

Customer Code:1216

Phone:

Cell:

E-mail:

Work:

Fax:

Lance Gilbert

3572 Oceanshore Blvd
Ormond Beach FL 32176

7 SEA GRAPE TER ORMOND BEACH

3572 Oceanshore Blvd.
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1217

Phone:

Cell:

E-mail:

Work:

Fax:

Anna Vestal
Lucrecia Masset
1824 Tinstar St,
El Paso TX 79911

64 Sea Harbor East

Customer Code:1220

Phone: 954-254-6685

Cell:

E-mail:

Work:

Fax:

Marie Blair

25 Sand Dollar Drive
Ormond Beach FL 32176

Customer Code:1226

Phone: 386-256-2066

Cell:

E-mail:

Work:

Fax:

Russell Flora

14 Sea Hawk Drive
Ormond Beach FL 32176

14 Sea Hawk Drive

Customer Code:1227

Phone: 386-569-0482

Cell:

E-mail: Mark- 386-290-9080

Work:

Fax:

Mary Gillis

6 Sea Turtle Terrace
Ormond Beach FL 32176

6 Sea Turtle Terrace

Customer Code:1229

Phone:

Cell:

E-mail:

Work:

Fax:

Galvis Cevin Erwin

33 Sand Dollar Drive
Ormond Beach FL 32176

33 Sand Dollar Drive

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1230	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Harvey S. Newton

3571 John Anderson Drive

3571 John Anderson Dr
Ormond Beach FL 32176

Customer Code:1231	Phone: 386-405-5569	Cell:	E-mail:
		Work:	
		Fax:	

Michele L Lombardo

Naree M & William R Campbell
12 Sea Island Drive
901-292-5118

12 Sea Island Dr. South
Ormond Beach FL 32176

Customer Code:1233	Phone: 386-441-8332	Cell:	E-mail:
		Work:	
		Fax:	

Carol L. Carpenter

34 Sea Island Drive South
Ormond Beach FL 32176

Customer Code:1234	Phone: 802-872-9090	Cell:	E-mail:
		Work:	
		Fax:	

Roger Collom

9 Seabridge Drive

Box 121
North Ferrisburgh VT 05473

Customer Code:1236	Phone: 441-3817	Cell:	E-mail:
		Work:	
		Fax:	

Edwin L. Blair

8 Seagull Terrace
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1237	Phone: 315-420-0255	Cell:	E-mail:
		Work:	
		Fax:	

Jeff and Coleen Dinet

Vera H. Krejci

11 Sea Harbor West
Ormond Beach FL 32176

11 Sea Harbor West
Ormond Beach FL 32176

Customer Code:1238	Phone: 441-8162	Cell:	E-mail:
		Work:	
		Fax:	

Tammy Dassance

3 Sea Dune Terrace
Ormond Beach FL 32176

Customer Code:1242	Phone: 352-516-10571	Cell:	E-mail:
		Work:	
		Fax:	

Mario and Kathleen Voskion

38 Sea Harbor Drive W
Ormond Beach, FL 32176

38 Sea Harbor Drive W
Ormond Beach FL 32176

Customer Code:1243	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Burwell Mize

25 Seabridge Drive
Ormond Beach FL 32176

25 Seabridge Drive
Ormond Beach FL 32176

Customer Code:1244	Phone: 260-615-9100	Cell: 260-413-7518	E-mail:
		Work:	
		Fax:	

Patrick and Cynthia Hogan

17 Sand Dollar Drive
Ormond Beach, FL 32176

12816 Capshaw St.
Fort Wayne IN 46845

North Peninsula Utilities Corp.

Customer List

6/28/2021

Page 22

All Customers sorted by Code

Billing Address

Location

Customer Code:1245	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Krystal Suresh Sagrani

50 Sea Island Drive North
Ormond Beach FL 32176

50 Sea Island Drive_North

Customer Code:1247	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Robert Bossardet

42 Sand Dollar Drive
Ormond Beach FL 32176

Customer Code:1248	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

New Resident

22 Sea Hawk Dr
Ormond Beach FL 32176

22 Sea Hawk Drive

Customer Code:1249	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Mark Fabrizio

16 Sea Raven Terrace
Ormond Beach FL 32176

16 Sea Raven Terrace
Ormond Beach, FL 32176

Customer Code:1250	Phone: 561-223-7744	Cell:	E-mail:
		Work:	
		Fax:	

Joseph Konkel

8 Sea Watch Terrace
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:1251	Phone: 441-4744	Cell:	E-mail:
		Work:	
		Fax:	
James & Lorraine Lunn			
25 Sea Island Dr. S Ormond Beach FL 32176		25 Sea Island Drive Ormond Beach, FL 32176	
Customer Code:1253	Phone: 502-727-3732	Cell:	E-mail:
		Work:	
		Fax:	
Charles Hawkins		3 Sea Dance Terrace	
3 Sea Dance Terrace Ormond Beach FL 32176			
Customer Code:1254	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
William French			
3549 John Anderson Drive Ormond Beach FL 32176		3549 John Anderson Drive Ormond Beach FL 32176-2113	
Customer Code:1257	Phone: 413-537-2677	Cell:	E-mail:
		Work:	
		Fax:	
Linda Leblond		26 Sea Harbor Drive West	
220 Rector Lane Limestone TN 37681			
Customer Code:1258	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
David Orgel		6 Sea Grape Terrace	
5341 Desert Mountain Ct. Bolder CO 80301			

North Peninsula Utilities Corp.

Customer List

6/28/2021

Page 24

All Customers sorted by Code

Billing Address

Location

Customer Code:1259 Phone: 386-214-9954 Cell: E-mail:
Work:
Fax:

Bernhard Kwetkus
5 Sea Oats Terrace
Ormond Beach FL 32176

Customer Code:1260 Phone: Cell: E-mail:
Work:
Fax:

Michael Vail
31 Sand Dollar Drive 31 Sand Dollar Drive
Ormond Beach FL 32176 Ormond Beach FL 32176

Customer Code:1262 Phone: 410-804-8599 Cell: E-mail:
Work:
Fax:

Kathleen Benzing
10 Sea Harbor Drive West 10 Sea Harbor West
Ormond Beach FL 32176 Ormond Beach FL 32176

Customer Code:1263 Phone: 352-222-8590 Cell: E-mail:
Work:
Fax:

Sarkis Desteoglu
41 Sea Harbor East
Ormond Beach FL 32176

Customer Code:1264 Phone: Cell: E-mail:
Work:
Fax:

William Powell
6 Sea Gull Terrace
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:1267	Phone: 386-441-1852	Cell:	E-mail:
		Work:	
		Fax:	
Victor C. Moscoso			
13 Sea Harbor West Ormond Beach FL 32176		13 Sea Harbor West Ormond Beach FL 32176	
Customer Code:1268	Phone: 321-279-9671	Cell:	E-mail:
		Work:	
		Fax:	
Kathryn Brookmyer			
32 Gracie Road DeBarry FL 32713		13 Sea Hawk Dr. Ormond Beach FL 32176	
Customer Code:1269	Phone: 252-655-1115	Cell:	E-mail:
		Work:	
		Fax:	
Robert Adkins			
6 Sea Dance Terrace Ormond Beach FL 32176		6 Sea Dance Terrace Ormond Beach, FL 32176	
Customer Code:1271	Phone: 407-365-1421	Cell:	E-mail:
		Work:	
		Fax:	
Orlando Property Mgt. RE: 48 Sea Island Dr. N 656 Homerosa Ave. Winter Park FL 32789			
		48 Sea Island Drive North Ormond Beach, FL 32176	
Customer Code:1272	Phone: 441-5425	Cell: 405-0100	E-mail:
		Work:	
		Fax:	
Pamela Baird Mengel			
9 Sea Gull Terrace Ormond Beach, FL 32176		9 Sea Gull Drive Ormond Beach FL 32176	

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1273 Phone: 386-451-9133 Cell: E-mail: Only speak with Susan
Work:
Fax:

Susan Crocker

10 sea hawk dr

10 Sea Hawk Dr
Ormond Beach FL 32176

Customer Code:1274 Phone: 386-871-8325 Cell: E-mail:
Work:
Fax:

Mark Orsino

27 Sea Island Drive
Ormond Beach FL 32176

27 Sea Island Dr. South
Ormond Beach FL 32176

Customer Code:1276 Phone: Cell: E-mail:
Work:
Fax:

Raymond Hamberger

45 Sea HarborDR. E

228 Walton Dr
Morrisville PA 19067

Customer Code:1277 Phone: 386-492-5359 Cell: E-mail:
Work:
Fax:

Gary Masselle

3 Sea Turtle Terrace
Ormond Beach FL 32176

Customer Code:1279 Phone: 441-6980 Cell: E-mail:
Work:
Fax:

Kathleen & Donald Duthie

27 Sea Gull Drive
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:1280

Phone:

Cell:

E-mail:

Work:

Fax:

Karl Mandarano
Gianoula Kastis-Mandarano
6 Sea Island Dr. S
Ormond Beach FL 32176

6 Sea Island Drive South

Customer Code:1281

Phone: 441-3546

Cell:

E-mail:

Work:

Fax:

Arthur G. Knieps

3573 John Anderson Drive
Ormond Beach FL 32176

Customer Code:1282

Phone: 441-4492

Cell:

E-mail:

Work:

Fax:

Daniel and Lizette Diaz

24 Sea Island Drive South
Ormond Beach FL 32176

24 Sea Island Dr.
Ormond Beach, FL 32176

Customer Code:1283

Phone: 586-703-3834

Cell:

E-mail:

Work:

Fax:

John and Pam Papineau

32 Sea Gull Drive
Ormond Beach FL 32176

32 Sea Gull Drive
Ormond Beach FL 32176

Customer Code:1284

Phone: 615-945-1708

Cell:

E-mail:

Work:

Fax:

George Bracy

17 Sea Hawk Dr.
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1285

Phone: 352-586-0793

Cell:
Work:
Fax:

E-mail:

Kevin Jones

51 Sea Harbor Dr. E
Ormond Beach FL 32176

Customer Code:1287

Phone: 214-6571

Cell:
Work:
Fax:

E-mail:

Sandra Carzaalho

34 Sea Harbor Dr. West
Ormond Beach FL 32176

34 Sea Harbor Drive West

Customer Code:1291

Phone: 267-980-3880

Cell:
Work:
Fax:

E-mail: Wife Kathleen

William Johnson

28 Sea Harbor Dr. W
Ormond Beach FL 32176

28 Sea Harbor Drive West

Customer Code:1292

Phone: 912-441-7469

Cell:
Work:
Fax:

E-mail:

Brenda N Cohen

4 Sea Dunes Terrace
Ormond Beach FL 32176

4 Sea Dune Terrace
Ormond Beach, FL 32176

Customer Code:1293

Phone: 441-6687

Cell:
Work:
Fax:

E-mail:

Cheryl Eastly

5 Sea Turtle Terrace
Ormond Beach FL 32176

5 Sea Turtle Terrace
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List
6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:1296 Phone: 702-526-8420 Cell: E-mail:
Work:
Fax:

Richard Kastner
50 Sea Harbor Drive East
Ormond Beach FL 32176

Customer Code:1297 Phone: 386-405-8099 Cell: E-mail:
Work:
Fax:

Randy Rovins
9 Sea Grape Terrace
Ormond Beach FL 32176
3570 Ocean Shore Blvd.

Customer Code:1299 Phone: 201-693-5652 Cell: E-mail:
Work:
Fax:

Edward Bermudez
453 S. Maple Ave
Glen Rock NJ 07452
21 Sea Gull Drive

Customer Code:1300 Phone: Cell: E-mail:
Work:
Fax:

Las Olas Townhouse Condo Assn.
C/o Ken Sipes
355 Applegate Landing
Ormond Beach FL 32174
6 Units
3400 Oceanshore Blvd.
Ormond Beach, FL 32176

Customer Code:1301 Phone: Cell: E-mail:
Work:
Fax:

Richard Skovholt
12 Sea Swallow Terrace
Ormond Beach, FL 32176

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All Customers sorted by Code

Billing Address

Location

Customer Code:1302	Phone: 504-236-7161	Cell:	E-mail:
		Work:	
		Fax:	

Susan Agnew

40 Sand Dollar Drive
Ormond Beach FL 32176

Customer Code:1303	Phone: 441-3361	Cell:	E-mail:
		Work:	
		Fax:	

Mrs. Joseph Bastan

27 Sea Harbor Drive West
Ormond Beach FL 32176

Customer Code:1304	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

John Riggs and Sonya Tidwell-Riggs

3101 John Anderson Dr
Ormond Beach FL 32176

Customer Code:1305	Phone: 413-885-4798	Cell:	E-mail:
		Work:	
		Fax:	

Zackary Tisikhotakiy

35 Sand Dollar Dr

35 Sand Dollar Dr.
Ormoan Beach FL 32176

Customer Code:1307	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Kevan Smotherman

3547 John Anderson Drive

3547 John Anderson Drive
Ormond Beach FL 32176

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All Customers sorted by Code

Billing Address

Location

Customer Code:1309

Phone:

Cell:

E-mail:

Work:

Fax:

Susan Marie Williams

42 Sea Harbor Drive East
Ormond Beach FL 32176

Customer Code:1310

Phone:

Cell:

E-mail:

Work:

Fax:

David Beazelton

18 Seabridge Drive
Ormond Beach FL 32176

Customer Code:1311

Phone: 305-607-0399

Cell:

E-mail: 954-436-8797

Work:

Fax:

George Gertenbach

53 Sea Harbor Dr. East
Ormond Beach FL 32176

53 Sea Harbor Drive East
Ormond Beach, FL 32176

Customer Code:1312

Phone: 269-312-3063

Cell:

E-mail:

Work:

Fax:

Abe Mills

24 Sea Harbor Drive West
Ormond Beach FL 32176

24 Sea Harbor Drive West

Customer Code:1313

Phone: 570-223-6729

Cell:

E-mail:

Work:

Fax:

James Meglino

3 Sea Raven Terrace
Ormond Beach FL 32176

3 Sea Raven Terrace

North Peninsula Utilities Corp.

Customer List
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All Customers sorted by Code

Billing Address

Location

Customer Code:1314	Phone:	Cell: Work: Fax:	E-mail:
David and Iris Nield 10 Sea Raven Terrace Ormond Beach FL 32176			
		10 Sea Raven Terrace	
Customer Code:1316	Phone:	Cell: Work: Fax:	E-mail:
Brittney Guadagnoli 32 Seabridge Dr. Ormond Beach FL 32176		23 Seabridge dr	
Customer Code:1317	Phone:	Cell: Work: Fax:	E-mail:
Charles Engemann 12 Sea Hawk Drive Ormond Beach FL 32176			
Customer Code:1319	Phone: 441-5154	Cell: Work: Fax:	E-mail:
Michael and Denise Atwood 37 Sea Gull Drive Ormond Beach, FL 32176		37 Sea Gull Drive Ormond Beach, FL 32176	
Customer Code:1322	Phone: 386-307-6668	Cell: Work: Fax:	E-mail:
Helania Cochrane 24 Sea Hawk Ormond Beach FL 32176		24 Sea Hawk Drive Ormond Beach FL 32176	

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1325 Phone: Cell: E-mail: Northern #:703/425-3848
Work:
Fax:

Luis and Esther Fernandez

9673 Pierrpon St
Burke VA 22015

9 Sea Harbor Drive
Ormond Beach FL 32176

Customer Code:1346 Phone: Cell: E-mail:
Work:
Fax:

Michael A. Mudzo

3540 John Anderson Dr.
Ormond Beach FL 36216

3540 John Anderson Drive

Customer Code:1347 Phone: 322-1818 Cell: E-mail:
Work:
Fax:

Dawn Sautter

3542 John Anderson Dr.
Ormond Beach FL 32176

3542 John Anderson
Ormond Beach, FL 32176

Customer Code:1351 Phone: 931-980-2166 Cell: E-mail:
Work:
Fax:

William Boyd

18 Sea Hawk Drive
Ormond Beach FL 32176-2132

18 Sea Hawk Dr.
Ormond Beach, FL 32176

Customer Code:1352 Phone: Cell: E-mail:
Work:
Fax:

New Resident

23 Sea Island Dr. South
Ormond Beach FL 32176

23 Sea Island Dr. South
Ormond Beach, FL 32176

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All Customers sorted by Code

Billing Address

Location

Customer Code:1353 Phone: 441-1086 Cell: E-mail: 295-9020

Work:
Fax:

Peter Vasiliades

100 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1354 Phone: 407-774-6345 Cell: E-mail:

Work:
Fax:

Reginald Lyle

3000 Oceanshore Blvd., Unit 8
Ormond Beach FL 32175

3000 Oceanshore Blvd., Unit 8
Ormond Beach, FL 32176

Customer Code:1355 Phone: Cell: E-mail:

Work:
Fax:

Marion- Property Manager

Marion@ormondrealty.com

50 South Younger Suite 1
Ormond Beach FL 32174

386-295-9166
3000 Oceanshore Blvd. Unit 7
Ormond Beach, FL 32176

Customer Code:1356 Phone: 307-745-7755 Cell: E-mail:

Work:
Fax:

Richard Knight

3000 Ocean Shore Blvd. Unit 10

3000 Ocean Shore Blvd. Unit 10
Ormond Beach FL 32176

Customer Code:1357 Phone: 352-376-1326 Cell: E-mail:

Work:
Fax:

Terry Silverman

3000 OceanShore Unit 6

6608 NW 56th Lane
Gainesville FL 32653

North Peninsula Utilities Corp.

Customer List
6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:1358

Phone: 441-6719

Cell:
Work:
Fax:

E-mail:

William G. Lort

34 Sea Gull Dr.
Ormond Beach FL 32176

Customer Code:1370

Phone: 321-720-1544

Cell:
Work:
Fax:

E-mail:

Robert Kutilek

44 Sea Harbor Drive East
Ormond Beach FL 32176

44 Sea Harbor Drive East

Customer Code:1373

Phone: 441-9400

Cell:
Work:
Fax:

E-mail:

Joseph Sammartano

3 Sea Harbor Drive West
Ormond Beach FL 32176

3 Sea Harbor Drive West
Ormond Beach FL, 32176

Customer Code:1376

Phone: 912-346-1127

Cell:
Work:
Fax:

E-mail: 912-332-3377

Mike Jacobson

217 E. Huntington S.
Savannah GA 31401

4 Sea Harbor Dr West

Customer Code:1384

Phone:

Cell:
Work:
Fax: 441-8822

E-mail: tallymaffucci@gmail.com

Bettina Realty LLC

12 Autumn Dr
Danbury CT 06811

36 Sea Harbor Dr. W
16 benjamin Green Lane Mahopac NY
10541

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1391 Phone: 386-523-8503 Cell: E-mail:
Work:
Fax:

Angelic Ramos

16 Sea Island Dr. S
Ormond Beach FL 32176

16 Sea Island Drive - S
Ormond Beach FL 32176

Customer Code:1396 Phone: 817-825-3399 Cell: E-mail:
Work:
Fax:

Anthony Butrym

15 Sea Harbor Dr. W
Ormond Beach FL 32176

Ajay and Sue Sanghi

15 Sea Harbor Dr - W
Ormond Beach FL 32176

Customer Code:1402 Phone: 441-5916 Cell: E-mail:
Work:
Fax:

Scott Kipphut

6311 Camel Road
Conesus NY 14435

47 Sea Island Drive North

Customer Code:1404 Phone: 386-262-8023 Cell: E-mail:
Work:
Fax:

Jeffrey Ament

7 Sea Turtle
Ormond Beach FL 32176

Christopher Sturdy
Blue Brick LLC
7 Sea Turtle Terrace

Customer Code:1406 Phone: Cell: E-mail:
Work:
Fax:

Dorothea F. Giberson

45 Sea Island Drive
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1412 Phone: 317-557-4301 Cell: E-mail:
Work:
Fax:

Cindy Trimpe

10496 North Gasburg Drive
Mooresville IN 46158

51 Sea Island Drive North

Customer Code:1418 Phone: 215-450-1421 Cell: E-mail:
Work:
Fax:

Bob Paster

21 Sea Island Dr. S
Ormond Beach FL 32176

21 Sea Island Drive S
Ormond Beach FL 32176

Customer Code:1420 Phone: Cell: E-mail:
Work:
Fax:

Annette Kendrick

8 Sea Hawk Drive
Ormond Beach, FL 32176

8 Sea Hawk Drive
Ormond Beach FL 32176

Customer Code:1422 Phone: Cell: E-mail:
Work:
Fax:

LORA MARIE SYRYLA

22 Seabridge Dr
Ormond Beach FL 32176

22 Seabridge Dr
Ormond Beach FL 32176

Customer Code:1424 Phone: 386-589-5380 Cell: E-mail:
Work:
Fax:

William Aitken

3 Sea Watch Terrace
Ormond Beach FL 32176

3 Sea Watch Terr.

North Peninsula Utilities Corp.

Customer List
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All Customers sorted by Code

Billing Address

Location

Customer Code:1438	Phone: 441-1966	Cell:	E-mail:
		Work:	
		Fax:	
John Hodson		14 S. Sea Island Drive	
14 Sea Island Drive- South			
Ormond Beach FL 32176			
Customer Code:1441	Phone: 441-9818	Cell:	E-mail: 732-269-1084
		Work:	
		Fax:	
Carol Ward		33 Sea Harbor Drive East	
33 Sea Harbor Drive E			
Ormond Beach FL 32176			
Customer Code:1448	Phone: 248-5986	Cell:	E-mail:
		Work:	
		Fax:	
Robert and Jill Culbertson		47 Sea Harbor Drive East	
47 Sea Harbor Drive East		Ormond Beach FL 32176	
Ormond Beach FL 32176			
Customer Code:1451	Phone: 347-414-3413	Cell:	E-mail:
		Work:	
		Fax:	
Valeria and Yury Levit		6 Sea Watch Terrace	
Alexander Levit		Ormond Beach FL 32176	
6 Sea Watch Terrace			
Ormond Beach FL 32176			
Customer Code:1454	Phone: 260-341-7904	Cell:	E-mail:
		Work:	
		Fax:	
Daniel and Darleen Dinet		3 Sea Chase Terrace	
3 Sea Chase Terrace		Ormond Beach FL 32176	
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

Customer List

6/28/2021

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All Customers sorted by Code

Billing Address

Location

Customer Code:1459 Phone: 299-9121 lori Cell: E-mail:
Work:
Fax:

Jeff Myers

2 Sea Watch Terrace
Ormond Beach FL 32176

2 Sea Watch Terrace
Ormond Beach FL 32176

Customer Code:1460 Phone: 441-4623 Cell: E-mail:
Work:
Fax:

Charlene Labarge

5 Seabridge Drive
Ormond Beach FL 32176

5 Seabridge Dr
Ormond Beach FL 32176

Customer Code:1461 Phone: 321-663-3974 Cell: E-mail:
Work:
Fax:

Daniel McLemore

5 Sea Drift Terrace
Ormond Beach FL 32176

5 Sea Drift Terrace
Ormond Beach FL 32176

Customer Code:1462 Phone: Cell: E-mail:
Work:
Fax:

August Kaelbr

2 Sea Gull Terrace
Ormond Beach FL 32176

Customer Code:1468 Phone: 441-5321 Cell: E-mail:
Work:
Fax:

Monte Carter

3216 John Anderson Drive
Ormond Beach FL 32176-2210

3216 John Anderson Drive
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1469	Phone: 3601-509-3132	Cell:	E-mail:
		Work:	
		Fax:	
Robert and Kathleen James		23 Sea Harbor Drive West	
23 Sea Harbor Dr. W			
Ormond Beach FL 32176			

Customer Code:1471	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
New Owner			
5 Sea Watch Terrace		5 Sea Watch Terrace	
Ormond Beach FL 32176		Ormond Beach, FL 32176	

Customer Code:1473	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Paul Borruso			
4 Sea Oats Terrace		4 Sea Oats Terrace	
Ormond Beach FL 32176			

Customer Code:1474	Phone: 540-538-3796	Cell:	E-mail:
		Work:	
		Fax:	
Wm. Mitchell Powell		4 Sea Chase Terrace	
Linda Garland Powell		Ormond Beach, FL 32176	
4 Sea Chase Terrace			
Ormond Beach FL 32176			

Customer Code:1475	Phone: 441-4494	Cell:	E-mail:
		Work:	
		Fax:	
Leonard Mainiero			
28 Sea Gull Drive			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1476	Phone: 441-3727	Cell:	E-mail:
		Work:	
		Fax:	
Valarie Fife		Anthony Jenette (Owner)	
15 Seabridge		516-968-2755	
Ormond Beach FL 32176		15 Seabridge Drive	
		Ormond Beach FL 32176	
Customer Code:1482	Phone: 441-2669	Cell:	E-mail:
		Work:	
		Fax:	
Greg Shane		19 Sea Harbor	
19 Sea Harbor Dr. West			
Ormond Beach FL 32176			
Customer Code:1483	Phone: 262-719-1142	Cell:	E-mail:
		Work:	
		Fax:	
Marilyn Zizzo			
7544 Roosevelt Rd			
Hartford WI 53027			
Customer Code:1489	Phone: 386-383-2254	Cell:	E-mail:
		Work:	
		Fax:	
Lisa Anderson		3555 John Anderson Drive	
3555 John Anderson Drive		Ormond Beach, FL 32176	
Ormond Beach FL 32176			
Customer Code:1490	Phone: 441-7266	Cell:	E-mail:
		Work:	
		Fax:	
James Youngblood			
20 Sea Island Drive South			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1493

Phone: 441-7266

Cell:

E-mail:

Work:

Fax:

Joseph M. Vessa

62 Sea Harbor Drive East
Ormond Beach FL 32176

Customer Code:1495

Phone: 441-8991

Cell:

E-mail:

Work:

Fax:

Joseph Martin

7 Sea Oats Terrace
Ormond Beach FL 32176

Customer Code:1497

Phone:

Cell:

E-mail:

Work:

Fax:

Claudia Paskauskas and Rodrigo Nune

6 Sea Dunes
Ormond Beach FL 32176

6 sea dunes Terrace

Customer Code:1498

Phone: 441-2052

Cell:

E-mail:

Work:

Fax:

John R. Choynowski

14 Sea Harbor Drive West
Ormond Beach FL 32176

14 Sea Harbor Dr.
Ormond Beach, FL 32176

Customer Code:1499

Phone: 304-288-8430

Cell:

E-mail:

Work:

Fax:

Mark Schooley

72 Pleasant Valley Dr.
Reedsville WV 26547

45 Sea Gull Drive

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1500	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Aztec USA Limited Liabilty Co. Charles Kismoky 46 Sea Island Drive North Ormond Beach FL 32176		46 Sea Island Drive North	
Customer Code:1501	Phone: 267-229-6210	Cell:	E-mail:
		Work:	
		Fax:	
New Owner 6 Sea Chase Ormond Beach FL 32176		6 Sea Chase Terrace	
Customer Code:1503	Phone: 441-9396	Cell:	E-mail:
		Work:	
		Fax:	
Nadja Decker 1 Sea Hawk Dr Ormond Beach, FL 32176		1 Sea Hawk Dr. Ormond Beach, FL 32176	
Customer Code:1505	Phone: 386-337-9430	Cell:	E-mail:
		Work:	
		Fax:	
Jeremy McGee 40 Sea Harbor Drive West Ormond Beach FL 32176			
Customer Code:1506	Phone: 847-464-5707	Cell:	E-mail:
		Work:	
		Fax:	
James and Sue Salutric 29 Sea Gull Dr. Ormond Beach FL 32176		29 Sea Gull Dr	

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1507

Phone:

Cell:

E-mail:

Work:

Fax:

Bonnie Laslo
Patrick ODonnel
1 Sea Grape Terrace
Ormond Beach FL 32176

1 Sea Grape Terrace
Ormond Beach FL 32176
Century 21 Leasing Agent

Customer Code:1511

Phone: 441-0507

Cell:

E-mail: 609-661-2621

Work:

Fax:

Nancy Mayhew

6 Sand Dollar DR
Ormond Beach FL 32176

Customer Code:1512

Phone:

Cell:

E-mail:

Work:

Fax:

Bernard Goldstein

7 Sand Dollar Drive
Ormond Beach, FL 32176

Customer Code:1513

Phone: 258-2260

Cell:

E-mail:

Work:

Fax:

Connie Kuhn

7 Sea Hawk
Ormond Beach, FL 32174

Customer Code:1514

Phone: 845-671-1787

Cell:

E-mail:

Work:

Fax:

James Fineran

147 North Franklin Street
Nyack NY 10960

3 Sea Drift Terrace
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1516	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Charles and Frances Schoech		4 Sea Gull Terrace	
14058 Greeb Tree Trail			
Wellington FL 33414			
Customer Code:1517	Phone: 239-677-6618	Cell:	E-mail: 3 Sea Gull Terrace
		Work:	
		Fax:	
John Schlereth		3 sea gull terrace	
3 Sea Gull Terrace			
Ormond Beach FL 32176			
Customer Code:1520	Phone: 516-317-4184	Cell:	E-mail: 492-5851
		Work:	
		Fax:	
Lynn M. and Thomas McNamee			
5 Sea Gull Terrace		5 Sea Gull Terrace	
Ormond Beach FL 32176		Ormond Beach FL 32176	
Customer Code:1523	Phone: 573-489-8137	Cell:	E-mail:
		Work:	
		Fax:	
David Flanagan			
8 Sea Gull Drive			
Ormond Beach FL 32176			
Customer Code:1524	Phone: 386-846-4185	Cell:	E-mail:
		Work:	
		Fax:	
Penny Hardey		37 Sand Dollar Drive	
37 Sand Dollar Drive			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1527

Phone:

Cell:

E-mail:

Work:

Fax:

Cawley Timothy

26 Seabridge Dr
Ormond Beach FL 32176

26 Seabridge

Customer Code:1528

Phone:

Cell:

E-mail:

Work:

Fax:

Richard Gosch

34 Seabridge Dr
Ormond Beach FL 32176

34 Seabridge Drive
Ormond Beach FL 32176

Customer Code:1529

Phone: 615-0724

Cell:

E-mail: 441-3364

Work:

Fax:

Paul Gilmore

39 Sea Island Drive N.
Ormond Beach FL 32176

39 Sea Island Dr. N
Ormond Beach, FL

Customer Code:1533

Phone: 386-673-5959

Cell:

E-mail:

Work:

Fax:

Ken Cole

37 Sea Island Drive North
Ormond Beach FL 32175

37 Sea Island Drive North
Ormond Beach FL 32176

Customer Code:1534

Phone:

Cell:

E-mail:

Work:

Fax:

Larry and Marsha Bradbury

17 Sea Island Drive South
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1535

Phone: 423-877-3168

Cell:

E-mail:

Work:

Fax:

Jerry Ward

4717 North Forest Road
Hixson TN 37343

15 Sea Island Drive South
Ormond Beach FL 32176

Customer Code:1536

Phone: 305-401-0720

Cell:

E-mail: 305-401-1740

Work:

Fax:

Dale Franks

3565 John Anderson Dr
Ormond Beach FL 32176

3565 John Anderson Dr
Ormond Beach FL 32176

Customer Code:1537

Phone:

Cell:

E-mail:

Work:

Fax:

Joseph Pagnotti

2 Sea Oats Terrace
Ormond Beach FL 32176

2 Sea Oats Terrace

Customer Code:1539

Phone:

Cell:

E-mail:

Work:

Fax:

Marla Nusdeo
Peter and Marla Doheny
31 Sea Harbor Dr.
Ormond Beach FL 32176

31 Sea Harbor Dr.
Ormond Beach FL 32176

Customer Code:1540

Phone: 407-452-9934

Cell:

E-mail:

Work:

Fax:

Scott Biddle

29 Sea Island Dr. South
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1542	Phone: 441-7732	Cell:	E-mail:
		Work:	
		Fax:	

David H. Brown

49 Sea Island Dr. North

49 Sea Island Dr. N
Ormond Beach FL 32176

Customer Code:1543	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

New Owner

32 Sea Island Drive South
Ormond Beach FL 32176

Customer Code:1544	Phone: 676-7402	Cell:	E-mail:
		Work:	
		Fax:	

Russell Tutunjian

28 Sea Island Drive
Ormond Beach FL 32176

Customer Code:1545	Phone: 724-322-5545	Cell:	E-mail:
		Work:	
		Fax:	

Edward Fronczek

14 Sea Raven Terrace

14 Sea Raven Terrace
Ormond Beach FL 32176

Customer Code:1546	Phone: 441-0390	Cell:	E-mail:
		Work:	
		Fax:	

Arlene Samland

12 Sea Raven Terrace
Ormond Beach FL 32176

12 Sea Raven Terrace
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1547	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Timothy Curtin

9 Sea Raven Terrace
Ormond Beach FL 32176

9 Sea raven Terrace
Ormond Beach FL 32176

Customer Code:1548	Phone: 441-6048	Cell:	E-mail:
		Work:	
		Fax:	

Mary Garofolo

14 Sand Dollar Drive
Ormond Beach FL 32176

Customer Code:1549	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Pamela and Eugene O'Neil

2625 Teton Stone Rd
Orlando FL 32828

3214 John Anderson Drive
Ormond Beach, FL 32176

Customer Code:1550	Phone: 302-369-5898	Cell:	E-mail:
		Work:	
		Fax:	

Sharyn Wingate

207 LaSalle Way
Newark DE 19711

15 Sea Swallow Terrace
Ormond Beach, FL 32176

Customer Code:1551	Phone: 263-3119	Cell:	E-mail:
		Work:	
		Fax:	

Phil Carson

9 Sea Hawk Drive
Ormond Beach FL 32176

9 Sea Hawk Drive
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1552	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Roberto and Olga Rubio		3560 Oceanshore Blvd.	
3560 Oceanshore Blvd.		Ormond Beach, FL 32176	
Ormond Beach FL 32176			
Customer Code:1554	Phone: 407-855-7829	Cell:	E-mail:
		Work:	
		Fax:	
George Dickson Hugus III			
7 Sea Watch Terrace			
Ormond Beach FL 32176			
Customer Code:1555	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Melissa Bradford		24 Sand Dollar Drive	
24 Sand Dollar Dr			
Ormond Beach FL 32176			
Customer Code:1556	Phone: 631-672-0956	Cell:	E-mail:
		Work:	
		Fax:	
Erin Cantrell		16 Sea Gull Dr.	
16 Sea Gull Dr.		Ormond Beach, FL 32176	
Ormond Beach FL 32176			
Customer Code:1557	Phone: 407-468-4491	Cell:	E-mail:
		Work:	
		Fax:	
Francisco Devarona		23 sand dollar	
23 Sand Dollar			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1559

Phone: 386-209-3116

Cell:

E-mail:

Work:

Fax:

Raymond Fairhurst

2 Sea Drift Terrace
Ormond Beach FL 32176

Customer Code:1561

Phone: 917-748-0534

Cell:

E-mail:

Work:

Fax:

Rita Cronin

19 Sea Gull Dr
Ormond Beach FL 32176

19 Sea Gull Dr.
Ormond Beach, FL 32176

Customer Code:1562

Phone:

Cell:

E-mail:

Work:

Fax:

Catherine Hart

12 Sea Gull Dr.
Ormond Beach FL 32176

12 Sea Gull Drive
Ormond Beach, FL 32176

Customer Code:1564

Phone: 441-8699

Cell:

E-mail:

Work:

Fax:

Teresa and Waldemar Dylewicz

22 Sand Dollar Drive
Ormond Beach FL 32176

Customer Code:1565

Phone: 441-8585

Cell:

E-mail:

Work:

Fax:

Timothy O'Keeffe
Marilyn O'Keeffe
52 Sea Island Drive N.
Ormond Beach FL 32176

52 Sea Island Drive
Ormond Beach, FL 32174

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1566	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Steven Foster

17 Sea Raven Terrace
Ormond Beach FL 32176

17 Sea Raven Terrace
Ormond Beach FL 32176

Customer Code:1567	Phone:	Cell:	E-mail:
		Work:	
		Fax:	

Gina Welch

15 Sand Dollar Drive
Ormond Beach FL 32176

15 Sand Dallar dr.
Ormond Bch, FL 32176

Customer Code:1568	Phone: 7247332461	Cell:	E-mail:
		Work:	
		Fax:	

Paul J Wells

270 George Rd
Export PA 15632

10 Sea Gull Drive

Customer Code:1569	Phone: 727-365-6074	Cell:	E-mail:
		Work:	
		Fax:	

Alan Campell

11 Sea Gull
Ormond Beach FL 32176

11 Seagull Dr.
Ormond Beach, FL 32176

Customer Code:1570	Phone: 441-7781	Cell:	E-mail:
		Work:	
		Fax:	

Joseph J. Danko

14 Sea Swallow Terrace
Ormond Beach FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1571	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Gary Marscheuser			
15 Sea Gull Drive Ormond Beach FL 32176			
Customer Code:1572	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Sandra Pinheiro			
11 Sea Raven Terrace Ormond Beach FL 32176		11 Sea Raven Terrace Ormond Beach FL 32176	
Customer Code:1574	Phone: 262-206-5501	Cell:	E-mail:
		Work:	
		Fax:	
Joan Winkler			
11 Sand Dollar Dr. Ormond Beach FL 32176		11 Sand Dollar Drive Ormond Beach, FL 32176	
Customer Code:1577	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Thomas Hunnefeld			
47 Sea Gull Dr. Ormond Beach FL 32176		45 Sea Gull Drive	
Customer Code:1578	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Margaret Donovan			
12 Sea Drift Terrace Ormond Beach FL 32176		12 Sea Drift Terrace Ormond Beach, FL 32176	

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1579

Phone: 781-929-0233

Cell:

E-mail:

Work:

Fax:

Kogan Yakov

52 Sea Harbor Drive East

13 Sand Dollar Dr.

Ormond Beach FL 32176

Customer Code:1581

Phone: 441-9626

Cell:

E-mail:

Work:

Fax:

Fred and Sylvia Quandt

16 Sea Swallow Terrace

Ormond Beach FL 32176

Customer Code:1582

Phone:

Cell:

E-mail:

Work:

Fax:

New Owner

8 Sea Raven Terrace

Ormond Beach FL 32176

8 Sea Raven Terrace

Ormond Beach, FL 32176

Customer Code:1583

Phone:

Cell:

E-mail:

Work:

Fax:

Rena A and Douglas Warner

26 Sea Island Drive S

26 Sea Island Dr. South

Ormond Beach FL 32176

Customer Code:1584

Phone:

Cell:

E-mail:

Work:

Fax:

Lena Sue Montroso

Breck Todd Jimison

35 Sea Harbor Drive

Ormond Beach FL 32174

35 Sea Harbor Drive

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1585

Phone: 441-5018

Cell:
Work:
Fax:

E-mail:

Edward McCallum

3541 John Anderson Drive
Ormond Beach FL 32176

Customer Code:1586

Phone: 561-262-6897

Cell:
Work:
Fax:

E-mail:

Wendy Blakes

106 Villa Nueva Place
Palm Gardens FL 33418

3557 John Anderson Dr

Customer Code:1590

Phone:

Cell:
Work:
Fax:

E-mail:

Steven and Laurie Broad

2 Sand Dollar Dr
Ormond Beach FL 32176

2 Sand Dollar

Customer Code:1592

Phone: 441-6848

Cell:
Work:
Fax:

E-mail:

Michael DelNinno

10 Sand Dollar Drive
Ormond Beach, FL 32176

Customer Code:1595

Phone:

Cell:
Work:
Fax:

E-mail: 901-604-0561

David Finlay

P.O. Box 2816
Ormond Beach FL 32175

8 Sand Dollar

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1596	Phone: 760-741-5845	Cell:	E-mail:
		Work:	
		Fax:	
Larry K. & Candace J. Miller			
9 Sand Dollar Dr		9 Sand Dollar Drive	
Ormond Beach FL 32176			
Customer Code:1600	Phone: 954-295-7819	Cell:	E-mail:
		Work:	
		Fax:	
Rose Marie Archibald			
30 Sea Island Dr. South			
Ormond Beach FL 32176			
Customer Code:1602	Phone: 233-3993	Cell:	E-mail: 233-3993
		Work:	
		Fax:	
Virginia Guiab		19 Sand Dollar Drive	
19 Sand Dollar Dr.			
Ormond Beach, FL 32176			
Customer Code:1603	Phone: 441-7292	Cell:	E-mail:
		Work:	
		Fax:	
William Curtis			
21 Sand Dollar Drive			
Ormond Beach FL 32176			
Customer Code:1605	Phone: 441-4743	Cell:	E-mail:
		Work:	
		Fax:	
Harrison Foster		3 Seabridge Dr.	
3 Seabridge Dr			
Ormond Beach, FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1606	Phone: 847-613-9122	Cell:	E-mail:
		Work:	
		Fax:	
Lori Paul		6 Seabridge Drive	
6 Seabridge Dr.		Ormond Beach FL 32176	
Ormond Beach FL 32176			
Customer Code:1607	Phone: 366-2957	Cell:	E-mail:
		Work:	
		Fax:	
Harry Delmaso		8 Seabridge Dr	
8 Seabridge Dr			
Ormond Beach FL 32176			
Customer Code:1610	Phone: 678-478-4290	Cell:	E-mail:
		Work:	
		Fax:	
James and Elizabeth O'Neal		30 Sand Dollar Drive	
30 Sand Dollar		Ormond Beach FL 32176	
Ormond Beach FL 32176			
Customer Code:1611	Phone: 954-993-4217	Cell:	E-mail:
		Work:	
		Fax:	
Azzat Talic		23 Seabridge Drive	
23 Seabridge		Ormond Beach, FL 32176	
Ormond Beach FL 32176			
Customer Code:1613	Phone: 441-7787	Cell:	E-mail:
		Work:	
		Fax:	
Joseph Scarfone			
5 Sea Dance Terrace			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1614

Phone: 441-7886

Cell:

E-mail:

Work:

Fax:

Linda Smith

7 Sea Dance Terrace
Ormond Beach FL 32176

Customer Code:1618

Phone: 904-333-9511

Cell:

E-mail:

Work:

Fax:

Susan Munas

6 Sea Gull Dr
Ormond Beach FL 32176

6 Sea Gull Dr

Customer Code:1619

Phone:

Cell:

E-mail:

Work:

Fax:

Tom Boyle

7 Sea Gull Drive
Ormond Beach FL 32176

Customer Code:1620

Phone: 386-441-7856

Cell:

E-mail:

Work:

Fax:

Robert Bourque

9 Sea Gull Drive
Ormond Beach FL 32176

9 Sea Gull Drive
Ormond Beach FL 32176

Customer Code:1622

Phone:

Cell:

E-mail:

Work:

Fax:

Claire Vojtko

17 Seagull Drive
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1625

Phone: 441-7162

Cell:

E-mail:

Work:

Fax:

Barbara Dellacroce

23 Sea Gull Drive
Ormond Beach FL 32176

Customer Code:1627

Phone:

Cell:

E-mail:

Work:

Fax:

G. Ramiro Delrosario
Ursula M. Delrosario
135 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1629

Phone:

Cell:

E-mail:

Work:

Fax:

Felicita Fonseca Khider

39 Sea Gull Drive
Ormond Beach FL 32176

Customer Code:1630

Phone: 786-222-1291

Cell:

E-mail:

Work:

Fax:

Rio Rafael

8620 SW 101 Ave.
Miami FL 33173

8 Sea Drift Terrace
Ormond Beach, FL 32176

Customer Code:1638

Phone: 441-5781

Cell:

E-mail:

Work:

Fax:

Lois Sarno

14 Seabridge Drive
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1642	Phone:	Cell: Work: Fax:	E-mail:
Eileen Pfeiffer PO Box 504 Gardner MA 01440		5 Sea Park Terrace	
Customer Code:1646	Phone: 504-974-7509	Cell: 504-722-5253 Work: Fax:	E-mail:
Jeff Davis 5 Sea Raven Terrace Ormond Beach FL 32176		5 Sea Raven Terrace	
Customer Code:1647	Phone: 573-673-1688	Cell: Work: Fax:	E-mail:
Carol and Joel Maruniak 15 Sea Raven Terrace Ormond Beach FL 32176			
Customer Code:1650	Phone:	Cell: Work: Fax:	E-mail:
Jessie Marrisfield 4 Sea Swallow Terrace Ormond Beach FL 32176			
Customer Code:1651	Phone: 973-876-1290	Cell: Work: Fax:	E-mail:
Heather Ament 5 Sea Swallow Ormond Beach FL 32176		5 Sea Swallow Terrace	

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1652

Phone: 386-405-3178

Cell:

E-mail:

Work:

Fax:

Donna Lee Deliman

9 Sea Swallow Terrace
Ormond Beach FL 32176

Customer Code:1658

Phone: 970-824-6210

Cell: 970-620-1948

E-mail:

Work:

Fax:

William Barclay

4 Sea Park Terrace
Ormond Beach FL 32176

4 Sea Park Terrace

Customer Code:1659

Phone: 813-431-0925

Cell:

E-mail:

Work:

Fax:

Bonnie A. Berns

10 Sea Drift Terrace
Ormond Beach FL 32176

Customer Code:1660

Phone: 770-364-0816

Cell:

E-mail:

Work:

Fax:

Jeff Beggs

18 Sea Gull Drive
Ormond Beach, FL 32176

18 Sea Gull Drive
Ormond Beach, FL 322176

Customer Code:1662

Phone: 407-391-8783

Cell:

E-mail: 316-6009

Work:

Fax:

Rene Halstead

26 Sea Hawk
Ormond Beach FL 32176

26 Sea Hawk Drive
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1664

Phone:

Cell:

E-mail:

Work:

Fax:

Steven Rockholz

7 Sea Raven
Ormond Beach FL 32176

7 Sea Raven Terrace

Customer Code:1665

Phone: 228-239-7151

Cell:

E-mail: vanessaastrinakis@gmail.com

Work:

Fax:

Century 21
Vanessa Astinakis
1794 Oceanshore Blvd.
Ormond Beach FL 32176

6 sea swallow terrace

Customer Code:1670

Phone:

Cell:

E-mail:

Work:

Fax:

Kent Krabbenhoft

30 Sea Harbor Dr.
Ormond Beach FL 32176

30 Sea Harbor Drive W.
Ormond Beach FL 32176

Customer Code:1671

Phone: 441-4851

Cell:

E-mail:

Work:

Fax:

Nancy Faccenda

24 Sea Gull Drive
Ormond Beach FL 32176

Customer Code:1672

Phone: 585-734-8361

Cell:

E-mail:

Work:

Fax:

Verena Snyder

20 Sand Dollar Drive
Ormond Beach FL 32176

20 Sand Dollar Drive

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1673

Phone: 441-8238

Cell:

E-mail:

Work:

Fax:

Thomas Rominger

6 Sea Harbor Dr. West
Ormond Beach FL 32176

Customer Code:1675

Phone: 615-0789

Cell: Keith

E-mail: Keith 334-2844

Work:

Fax:

Seabridge South Condominiums
c/o Hart & Associates Realty
159 West Granada Blvd.
Ormond Beach FL 32174

3176 Ocean Shore Blvd, Ormond Beach
70 Customers

Customer Code:1677

Phone:

Cell:

E-mail:

Work:

Fax:

Nicholas Thomopoulos

117 Peninsula Winds
Ormond Beach, FL 32176

Customer Code:1688

Phone: 492-2007

Cell:

E-mail:

Work:

Fax:

Gerald Brenner

127 Sandpiper Ridge
Ormond Beach FL 32176

127 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1698

Phone:

Cell:

E-mail:

Work:

Fax:

Dieter Weber

134 Sandpiper Ridge
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1699 Phone: 425-736-9648 Cell: E-mail: 425-830-3024

Work:

Fax:

Joel and Susan Johnson

143 Sandpiper Ridge

143 Sandpiper Ridge
Ormond Beach FL 32176

Customer Code:1700 Phone: 441-8339 Cell: E-mail:

Work:

Fax:

Andrew Macready

10 Sea Swallow Terrace
Ormond Beach FL 32176

10 Sea Swallow Terrace
Ormond Beach FL 32176

Customer Code:1701 Phone: 386-295-3892 Cell: E-mail:

Work:

Fax:

Diane Trout

106 Sandpiper Ridge Drive

106 Sandpiper Ridge
Ormond Beach FL 32176

Customer Code:1702 Phone: 441-6257 Cell: E-mail:

Work:

Fax:

Rex Poehlman

112 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1704 Phone: 441-7790 Cell: E-mail:

Work:

Fax:

Daniel Broussard

28 Seabridge Drive
Ormond Beach FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1705	Phone: 441-7338	Cell: Work: Fax:	E-mail: Renee Grailich 203-915-5216
Pat Bastienne			
119 Barrier Isle Drive Ormond Beach FL 32176		119 Barrier Isle Drive Ormond Beach, FL 32176	
Customer Code:1706	Phone:	Cell: Work: Fax:	E-mail:
Patricia Ann Scannell			
127 Barrier Island Ormond Beach FL 32176		127 Barrier Island 401-688-3883 Marion	
Customer Code:1707	Phone: 787-922-9528	Cell: Work: Fax:	E-mail:
Doug Wenzel			
129 Barrier Isle Ormond Beach FL 32176		129 Barrier Isle Dr	
Customer Code:1708	Phone:	Cell: Work: Fax:	E-mail:
Louise Catalanello			
131 Barrier Island Dr Ormond Beach FL 32176			
Customer Code:1709	Phone: 295-4353	Cell: Work: Fax:	E-mail:
Laura Puzzo			
37 Sea Harbor Dr. E Ormond Beach FL 32176		37 sea harbor dr. e	

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1711	Phone: 386-566-0415	Cell:	E-mail:
		Work:	
		Fax:	
Frank Saljanin		44 Sandollar Dr	
4167 Saddle Club Dr			
New Smyrna Beach FL 32168			
Customer Code:1712	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Terry Peter		113 Sandpiper Ridge Dr	
113 Sandpiper Ridge			
Ormond Beach FL 32176			
Customer Code:1713	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Michael Sherm			
124 Sandpiper Ridge Dr.			
Ormond Beach FL 32176			
Customer Code:1715	Phone: 321-652-8679	Cell:	E-mail:
		Work:	
		Fax:	
Lisa Aaron			
110 Sandpiper Ridge Dr			
Ormond Beach FL 32176			
Customer Code:1716	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Mike Hayes			
118 Sandpiper Ridge Dr			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1718

Phone:

Cell:

E-mail:

Work:

Fax:

Carol Reck

105 Barrier Island Dr
Ormond Beach FL 32176

Customer Code:1719

Phone:

Cell:

E-mail:

Work:

Fax:

Deborah Rose

113 Barrier Island Dr
Ormond Beach FL 32176

Customer Code:1720

Phone:

Cell:

E-mail:

Work:

Fax:

June Beige

115 Barrier Island Dr
Ormond Beach FL 32176

Customer Code:1721

Phone: 386-441-2265

Cell:

E-mail:

Work:

Fax:

Dirk Schade

125 Barrier Island
Ormond Beach FL 32176

125 Barrier Island

Customer Code:1722

Phone:

Cell:

E-mail:

Work:

Fax:

William Quigley

101 Barrier Island Dr.
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1723

Phone: 330-324-2468

Cell:

E-mail:

Work:

Fax:

April Fisk

103 Barrier Island Dr
Ormond Beach FL 32176

103 Barrier Island Dr

Customer Code:1724

Phone: 775-335-5123

Cell:

E-mail:

Work:

Fax:

Dann Yobbi

123 Peninsula Winds Dr
Ormond Beach FL 32176

123 Peninsula Winds Dr

Customer Code:1725

Phone:

Cell:

E-mail:

Work:

Fax:

Connie Seelund

109 Barrier Island Dr
Ormond Beach FL 32176

Customer Code:1726

Phone: 441-4220

Cell: 301-3676

E-mail:

Work:

Fax:

Jerry Upchurch

111 Barrier Isle
Ormond Beach FL 32176

Customer Code:1727

Phone:

Cell:

E-mail:

Work:

Fax:

Catherine Crittenden

117 Barrier Island Dr
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1728

Phone: 478-973-2838

Cell:

E-mail:

Work:

Fax:

James Shehee

121 Barrier Island

526 Lake Joy Rd.

Kathleen GA 31047

Customer Code:1729

Phone:

Cell:

E-mail:

Work:

Fax:

Stephen A. Fichera

123 Barrier Island Dr

Ormond Beach FL 32176

Customer Code:1730

Phone: 631-7062

Cell:

E-mail:

Work:

Fax:

Tom Gion

6 Sea Raven Terrace

6 Sea Raven Terrace

Ormond Beach FL 32176

Customer Code:1733

Phone: 882-1011

Cell:

E-mail:

Work:

Fax:

New Owner

3559 John Anderson Dr

Ormond Beach FL 32176

Customer Code:1745

Phone:

Cell:

E-mail:

Work:

Fax:

James Weaver

3548 John Anderson Dr

Ormond Beach FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address	Location
<p>Customer Code:1749 Phone: 201-991-0068</p> <p>Manuel Damiao</p> <p>279 Sechuyler Ave. Kearny NJ 07032</p>	<p>Cell: Work: Fax:</p> <p>110 Peninsula Winds</p>
<p>Customer Code:1750 Phone: 492-7418</p> <p>Dawn E McKibbin</p> <p>124 Peninsula Winds Dr. Ormond Beach FL 32176</p>	<p>Cell: Work: Fax:</p> <p>124 Peninsula Winds Dr.</p>
<p>Customer Code:1788 Phone: 441-3768</p> <p>Angel and Gladys Rivera</p> <p>116 peninsula Winds Ormond Beach FL 32176</p>	<p>Cell: Work: Fax:</p> <p>116 Peninsula Winds Ormond Beach, FL 32176</p>
<p>Customer Code:1791 Phone: 757-504-6297</p> <p>Richard Williams</p> <p>30 Sea Gull Dr Ormond Beach FL 32176</p>	<p>Cell: Work: Fax:</p> <p>30 Sea Gull Dr Ormond Beach FL 32176</p>
<p>Customer Code:1793 Phone: 383-1444</p> <p>Phyllis Purvis</p> <p>25 Sea Gull Drive Ormond Beach, FL 32176</p>	<p>Cell: Work: Fax:</p> <p>E-mail: 235-9607</p> <p>25 Sea Gull Drive</p>

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1795	Phone: 386-281-9745	Cell:	E-mail:
		Work:	
		Fax:	
Jay Ament		20 Sea Gull	
20 Sea Gull			
Ormond Beach, FL 32176			

Customer Code:1798	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Franca Bottinelli		125 peninsula winds	
Rue Lombard 4			
1205 Geneve			
Switzerland			

Customer Code:1799	Phone: 574-6234	Cell:	E-mail:
		Work:	
		Fax:	
Ronald Christman		18 Sea Harbor Drive West	
18 Sea Harbor Dr. W		Ormond Beach FL 32176	
Ormond Beach FL 32176			

Customer Code:1800	Phone: 441-8807	Cell:	E-mail:
		Work:	
		Fax:	
Sharon Shutter			
North 5507 River Road			
Fondulac WI 54937			

Customer Code:1801	Phone: 441-3316	Cell:	E-mail:
		Work:	
		Fax:	
Hazel Ritter			
4 Sea Gull Drive South			
Ormond Beach, FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1802	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
IH3 Property Florida LP Altus Group US Inc. PO Box 4698 Logan UT 84323		11 Sea Swallow Terrace	

Customer Code:1803	Phone: 804-835-7529	Cell:	E-mail:
		Work:	
		Fax:	
Melinda and Stephen Baker 4 Sea Grape Terrace Ormond Beach, FL 32176			

Customer Code:1804	Phone: 441-5351	Cell:	E-mail:
		Work:	
		Fax:	
Ronald and Mary Ann Gieger 7 Sea Gull Terrace Ormond Beach, FL 32176			

Customer Code:1805	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Brown 114 Sandpiper Ridge Ormond Beach FL 32176		114 Sandpiper Ridge Ormond Beach, FL 32176	

Customer Code:1806	Phone: 276-1973	Cell:	E-mail:
		Work:	
		Fax:	
Antonio L Cellini 116 Sandpiper Ridge Ormond Beach FL 32176		116 Sandpiper Ridge Ormond Beach, FL 32176	

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1807	Phone: 757-572-8188	Cell:	E-mail:
		Work:	
		Fax:	
Dr. Christine Walck			
131 Sandpiper Ridge Ormond Beach FL 32176		131 Sandpiper Ridge Ormond Beach, FL 32176	
Customer Code:1809	Phone: 352-303-7453	Cell: 386-301-4457	E-mail:
		Work:	
		Fax:	
William D and Robin R Smith		8 Sea Swallow Terrace	
8 Sea Swallow Terrace Ormond Beach FL 32176			
Customer Code:1810	Phone: 724-459-8900	Cell:	E-mail:
		Work:	
		Fax:	
Jeffery L Taylor		107 Peninsula Winds Dr	
923 Weimer Lane Saltsburg PA 15681			
Customer Code:1811	Phone: 314-791-7330	Cell:	E-mail:
		Work:	
		Fax:	
Carol and Curtis Jones		104 Peninsula Winds	
104 Peninsula Winds DR Ormond Beach FL 32176			
Customer Code:1812	Phone: 954-434-1879	Cell:	E-mail:
		Work:	
		Fax: 441-0288	
Mary Henry		109 Sandpiper Ridge	
109 Sandpiper Ridge Ormond Beach FL 32176			

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1813

Phone: 678-577-8700

Cell:

E-mail:

Work:

Fax:

New Owner

9 Sea Drift Terrace
Ormond Beach FL 32176

Customer Code:1814

Phone: 724-462-9272

Cell:

E-mail:

Work:

Fax:

Janna Milburn

13 Sea Gull Dr
Ormond Beach FL 32176

13 sea gull

Customer Code:1815

Phone:

Cell:

E-mail:

Work:

Fax:

William & Gail Sanbuca

22 Sea Harbor Dr. W
Ormond Beach FL 32176

Customer Code:1816

Phone:

Cell:

E-mail:

Work:

Fax:

New Resident

125 Sandpiper Ridge
Ormond Beach FL 32176

125 Sandpiper Ridge

Customer Code:1817

Phone: 441-2346

Cell:

E-mail:

Work:

Fax:

Damian Flowers

4 Sand Dollar
Ormond Beach, FL 32176

4 Sand Dollar Dr.

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1818

Phone: 540-661-2166

Cell:

E-mail:

Work:

Fax:

Dana Isaac

4 Sea Dance Terrace
Ormond Beach FL 32176

4 Sea Dance Terrace
Ormond Beach, FL 32176

Customer Code:1819

Phone: 441-2362

Cell:

E-mail: stevenrobinson@cfl.rr.com

Work:

Fax:

Edna Grindstaff
GRINDSTAFF CANDACE K
104 Sandpiper Ridge
Ormond Beach FL 32176

104 Sandpiper Ridge

Customer Code:1820

Phone: 613-329-3653

Cell:

E-mail:

Work:

Fax: 441-4426

Paul J. Nicklaus

137 Sandpiper Ridge Drive
Ormond Beach FL 32176

137 Sandpiper Ridge

Customer Code:1821

Phone: 338-4274

Cell:

E-mail:

Work:

Fax:

Patricia Davis

106 Peninsula Winds Drive
Ormond Beach FL 32176

106 Peninsula Winds
Ormond Beach, FL 32176

Customer Code:1822

Phone: 441-7468

Cell:

E-mail: 954-894-3416

Work:

Fax:

Henry Cambell

43 Sea Gull Dr.
Ormond Beach FL 32176

43 Sea Gull Drive

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1824

Phone:

Cell:

E-mail:

Work:

Fax:

Bruce Taub

5 Sea Chase Terrace
Ormond Beach, FL 32176

Customer Code:1825

Phone:

Cell:

E-mail:

Work:

Fax:

Agatha and Edward Regan

3544 John Anderson Dr
Ormond Beach FL 32176

Customer Code:1826

Phone: 441-0686

Cell: 678-761-6717

E-mail: 770-569-1553

Work:

Fax:

Sal Zarzana

129 Sandpiper Ridge
Ormond Beach FL 32176

129 Sandpiper Ridge
Ormond Beach FL 32176

Customer Code:1827

Phone: 410-857-0830

Cell:

E-mail:

Work:

Fax:

Sarah Ritcey

28 Sand Dollar Dr.
Ormond Beach FL 32176

28 Sand Dollar Dr.

Customer Code:1828

Phone:

Cell:

E-mail:

Work:

Fax:

Richard and Valerie Boera

3545 John Anderson Dr
Ormon Beach FL 32176

3545 John Anderson Dr

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1829

Phone: 339-306-7669

Cell:

E-mail:

Work:

Fax:

Elina Kiner

13 Sand Dollar Dr

13 Sand Dollar Dr
Ormond Beach FL 32176

Customer Code:1830

Phone: 760-7365

Cell:

E-mail: atlanticcama@gmail.com

Work:

Fax:

Seabridge North Condo. Association
C/o Atlantic Comm Assn Mgmt
507-C Herbert Street
Port Orange FL 32129

3176 Ocean Shore Blvd.
65 units

Customer Code:1831

Phone:

Cell:

E-mail:

Work:

Fax:

Wayne A Block

108 Peninsula Winds Dr

108 Peninsula Winds Dr
Ormond Beach FL 32176

Customer Code:1832

Phone: 441-0210

Cell:

E-mail:

Work:

Fax:

Noble Bennett

111 Peninsula Winds

111 Peninsula Winds
Ormond Beach FL 32176

Customer Code:1833

Phone: 740-369-2567

Cell:

E-mail:

Work:

Fax:

Kris Keplar

115 Sandpiper Ridge

115 Sandpiper Ridge
Ormond Beach FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1834 Phone: 441-1901 Cell: E-mail: 518-793-9785

Work:

Fax:

Emerson Duxbury

128 Peninsula Winds
Ormond Beach FL 32176

128 Peninsula Winds Dr

Customer Code:1835 Phone: 917-273-8958 Cell: E-mail:

Work:

Fax:

Norman Levitz
Susan Fox
136 Sandpiper Ridge
Ormond Beach FL 32176

136 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1836 Phone: Cell: E-mail: 441-6765

Work:

Fax:

Michael A. Sgorbati

121 Sandpiper Ridge
Ormond Beach, FL 32176

121 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1837 Phone: 407-463-7763 Cell: E-mail:

Work:

Fax:

Russell Montgomery

41 Sea Island Drive N
Ormond Beach FL 32176

41 Sea Island Drive N

Customer Code:1838 Phone: 859-245-1120 Cell: E-mail:

Work:

Fax:

Carol J. Freeman

2212 Vinewood Road
Lexington, KY 40515-1245

9 Sea Watch Terrace
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1839

Phone:

Cell:

E-mail:

Work:

Fax:

Lynnette O'Connor

139 Sandpiper Ridge
Ormond Beach FL 32176

139 Sandpiper Ridge

Customer Code:1840

Phone: 405-596-2944

Cell:

E-mail:

Work:

Fax:

Michael C & Lisa McGoldrick

31 Sea Gull Drive
Ormond Beach, FL 32176

Customer Code:1841

Phone: 386-338-4274

Cell:

E-mail:

Work:

Fax:

Alan Myers

105 Peninsula Winds
Ormond Beach FL 32176

105 Peninsula Winds

Customer Code:1842

Phone: 441-7095

Cell:

E-mail: 845-661-6064

Work:

Fax:

Patricia Taylor

121 Peninsula Winds
Ormond Beach FL 32176

121 Peninsula Winds Drive
Ormond Beach, FL 32176

Customer Code:1843

Phone: 441-7594

Cell:

E-mail:

Work:

Fax:

New Owner

120 Sandpiper Ridge
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1844

Phone:

Cell:

E-mail:

Work:

Fax:

Dolores and Kenneth Horton

123 Sandpiper Ridge Drive
Ormond Beach, FL 32176

Customer Code:1845

Phone: 441-0828

Cell:

E-mail:

Work:

Fax:

Julia R. Van Tassell

126 Sandpiper Ridge Drive
Ormond Beach FL 32176

126 Sandpiper Ridge

Ormond Beach, FL 32176

Customer Code:1846

Phone:

Cell:

E-mail:

Work:

Fax:

Jerry Metzger

4 Sea Hawk Drive
Ormond Beach, FL 32176

Customer Code:1847

Phone:

Cell:

E-mail:

Work:

Fax:

Penny L. Morgan

120 Peninsula Winds
Ormond Beach, FL 32176

Customer Code:1848

Phone:

Cell:

E-mail:

Work:

Fax:

John Corcella

113 Peninsula Winds
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1849

Phone: 386-566-3702

Cell:

E-mail:

Work:

Fax:

Rob Atkins

3563 John Anderson Dr.
Ormond Beach FL 32176

3563 John Anderson Dr.

Customer Code:1850

Phone: 614-487-1951

Cell:

E-mail:

Work:

Fax:

Lisa Martina

127 Peninsula Winds Dr
Ormond Beach FL 32176

Mike Monroe - Owner
127 Peninsula Winds
Ormond Beach, FL 32176

Customer Code:1851

Phone:

Cell:

E-mail:

Work:

Fax:

Georgianna Prather

107 Sandpiper Ridge Dr.
Ormond Beach FL 32176

107 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1852

Phone:

Cell:

E-mail:

Work:

Fax:

Leslie Braun

41 Sea Gull Dr.
Ormond Beach FL 32176

41 Sea Gull Dr

Customer Code:1853

Phone: 860-434-4636

Cell: 860-304-7744

E-mail:

Work:

Fax:

Walter Heinig

7 Sea Swallow Terrace
Ormond Beach FL 32176

7 Sea Swallow Terrace

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1854

Phone: 441-5770

Cell:

E-mail:

Work:

Fax:

Stuart Inman

7 Well Head Drive, Halifax
West Yorkshire, England HW12QX

103 Peninsula Winds Drive
Ormond Beach, FL 32176

Customer Code:1855

Phone: 441-6834

Cell:

E-mail:

Work:

Fax:

Richard Shook

5 Sea Harbor Drive
Ormond Beach FL 30076

5 Sea Harbor Drive
Ormond Beach, FL 32176

Customer Code:1856

Phone: 416-819-0189

Cell:

E-mail:

Work:

Fax:

Jeff Scheniman

361 Dyson Road
Pickering Ontario L1W2N2

102 Sandpiper Ridge
Ormond-By-The-Sea FL 32176

Customer Code:1857

Phone: 441-3632

Cell:

E-mail:

Work:

Fax:

Mary Williams

119 Sandpiper Ridge
Ormond Beach, FL 32176

119 Sandpiper Ridge
Ormond Beach, FL 32117

Customer Code:1858

Phone: 407-252-7042

Cell:

E-mail:

Work:

Fax:

James Batenchuk

128 Sandpiper Ridge
Ormond Beach Fl 32176

128 Sandpiper Ridge

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1859

Phone:

Cell:

E-mail:

Work:

Fax:

Camile Esposito
126 Peninsula Winds
Ormond Beach FL 32176

Anthony Esposito, Owner
150 Ipswich Rd
Topsfield MA 01983
126 Peninsula Winds

Customer Code:1860

Phone: 386-492-7893

Cell:

E-mail:

Work:

Fax:

Raymond Ambrozaitis
122 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1861

Phone: 813-629-1954

Cell:

E-mail:

Work:

Fax:

Amy Ball
3 Sea Grape Terrace
Ormond Beach, FL 32176

3 Sea Grape Terrace
Ormond Beach, FL 32176

Customer Code:1868

Phone: 919-520-9045

Cell:

E-mail:

Work:

Fax:

Kim Uhlik
13 Seabridge Dr.
Ormond Beach FL 32176

13 Seabridge Dr.
Ormond Beach, FL 32176

Customer Code:1869

Phone: 407-927-2394

Cell:

E-mail:

Work:

Fax:

Roger Hagood
105 Sandpiper Ridge
Ormond Beach, FL 32176

105 Sandpiper Ridge
Ormond Beach, FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1870 Phone: 757-448-8670 Cell: E-mail:
Work:
Fax:

Clifford Moore

141 Sandpiper Ridge

2329 Tallwood Trail
Virginia Beach VA 23456

Customer Code:1871 Phone: 386-848-8487 Cell: E-mail:
Work:
Fax:

ZULINSKI MIECZYSTAWA

133 Sandpiper Ridge

133 Sandpiper Ridge
Ormond Beach FL 32176

Customer Code:1873 Phone: Cell: E-mail:
Work:
Fax:

Marilyn Giaquinto

138 Sandpiper Ridge
Ormond Beach, FL 32176

Customer Code:1874 Phone: 676-0105 Cell: E-mail:
Work:
Fax:

David and Carolyn Norland

39 Sea Harbor Dr.
Ormond Beach FL 32176

Customer Code:1875 Phone: Cell: E-mail:
Work:
Fax:

Ralph and Kristen Keller

3000 Ocean Shore Blvd. Unit 9

20Susanna Way
New Town PA 18940

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1876

Phone: 413-212-9746

Cell:

E-mail:

Work:

Fax:

Maria C. Newman

P.O. Box 799
Lanesborough MA 01237

13 Sea Raven Terrace

Customer Code:1877

Phone:

Cell:

E-mail: 917-657-3688

Work:

Fax:

Leon Landau

6 Sea Park Terrace
Ormond Beach FL 32176

Customer Code:1878

Phone:

Cell:

E-mail:

Work:

Fax:

Geraldine and Ollie Hutchins

29 Sand Dollar Dr
Ormond Beach FL 32176

Customer Code:1879

Phone: 269-598-4588

Cell:

E-mail:

Work:

Fax:

Robert Neihardt

10045 Woodlawn Dr.
Portage MN 49002

122 peninsula winds

Customer Code:1880

Phone: 441-1880

Cell:

E-mail:

Work:

Fax:

Rodica Olimpia Vasilescu

119 Peninsula Winds Dr,
Ormond Beach FL 32176

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1881	Phone: 506-2738	Cell:	E-mail:
		Work:	
		Fax:	
Rebecca Stravinsky		19 Sea Island Dr. S	
19 Sea Island Dr. S			
Ormond Beach FL 32176			
Customer Code:1883	Phone: 441-6563	Cell:	E-mail:
		Work:	
		Fax:	
Richard Joseph			
Judithann Joseph			
114 Peninsula Winds Dr			
Ormond Beach FL 32176			
Customer Code:1884	Phone: 441-3522	Cell:	E-mail:
		Work:	
		Fax:	
John Stafford		Lot 24	
P O Box 187		3550 Ocean Shore Blvd.	
Ashland KY 41105			
Customer Code:1885	Phone:	Cell:	E-mail:
		Work:	
		Fax:	
Nancy Thom			
3000 Ocean Shore Blvd. 3		3000 Oceanshore Blvd. - Unit 3	
Ormond Beach FL 32176		Ormond Beach FL 32176	
Customer Code:1886	Phone: 860-489-0274	Cell:	E-mail:
		Work:	
		Fax:	
Paul Magnusson		3000 Ocean Shore Unit 2	
3000 Ocean Shore Unit 2			
Ormond Beach FL 32176			

North Peninsula Utilities Corp.

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All Customers sorted by Code

Billing Address

Location

Customer Code:1887 Phone: 305-986-8341 Cell: E-mail: 441-2258
Work:
Fax:

George Dejacomo
3000 Oceanshore Blvd. #5
Ormond Beach FL 32176

3000 Ocean Shore Blvd
Unit 5

Customer Code:1888 Phone: 295-3599 Cell: E-mail:
Work:
Fax:

Adah Woolf
107 Barrier Island Dr
Ormond Beach FL 32176

107 Barrier Island Dr

Customer Code:1889 Phone: 441-9967 Cell: E-mail:
Work:
Fax:

Daniel Norton
21 Sea Harbor Drive West
Ormond Beach FL 32176

21 Sea Harbor Drive West
Ormond Beach FL 32176

Customer Code:1890 Phone: 805-550-5555 Cell: E-mail:
Work:
Fax:

Travis MacSwain
3000 Oceanshore Blvd. #12
Ormond Beach FL 32176

3000 Oceanshore Blvd - Unit #12
Ormond Beach FL 32176

Customer Code:1891 Phone: 212-7351 Cell: E-mail:
Work:
Fax:

Susan Jarosik
4037 Cape Cole Blvd.
Punte Gorda FL 33955

3000 Oceanshore Blvd - Unit #13

North Peninsula Utilities Corp.

Customer List

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All Customers sorted by Code

Billing Address

Location

Customer Code:1892

Phone:

Cell:

E-mail:

Work:

Fax:

Michelle Buchan

3000 Oceanshore Blvd. #11
Ormond Beach FL 32176

3000 Oceanshore Blvd - Unit 11
Ormond Beach FL 32176

Customer Code:1893

Phone:

Cell:

E-mail:

Work:

Fax:

Kyle and Brenda Davidson

822 Riviera
Mansfield TX 76063

Agent -

3000 Oceanshore Blvd - Unit #14
Ormond Beach FL 32176

Customer Code:1894

Phone:

Cell:

E-mail:

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