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March 1, 2021

Filed Electronically
Ms. A. Shonta Dunston
Deputy Clerk North Carolina Utilities Commission
430 N. Salisbury Street Raleigh, N.C.

Re: Docket No. W-1297, Sub 14

Dear Ms. Dunston:

Pursuant to the Commission's Order Scheduling Hearings, Establishing Procedural Schedule, and Adopting Discovery Guidelines in this docket, attached is an additional exhibit to accompany the exhibits previously filed..

Please do not hesitate to contact me if you have any questions.

I remain Sincerely yours,

Roberson Haworth & Reese, PLLC

A handwritten signature in black ink, appearing to read "Andrew D. Irby", followed by a horizontal line.

Andrew D. Irby

Attorney for MRT-1, LLC

OFFICIAL COPY

Mar 01 2021

Status, HISCO Harker's Island Wastewater System(s); 7/31/2019					
<u>Source</u>	<u>Initial Permit Authority</u>	<u>Facilities Breakdown (Total)</u>	<u>Constructed/ Operational</u>	<u>Under Construction</u>	<u>Total Flow Allocated or with Application Pending from HISCO</u>
Harkers Point/Harkers Village Subdivisions	CCHD/DHHS	90 Lots (27 3-bed and 63 4-bed units)	64 Operating		21,600
HISCO Phase I/West Bay Service Areas	DEQ	48 Lots (3-bed units)	29 Operating		17,280
Cape Point (AKA Academy Fields) Subdivision	DEQ	25 Lots (4-bed units)	4 Operating	3	12,000
NPS Visitors Center	DEQ	Visitors Center	Operational		2,800
RV-Park	CCHD/DHHS/DEQ	123 Lots (62 Standard; 61 Park Model)	100% Operational		12,320
Fish Hook Restaurant	DEQ	40 Seats	Operational		1,000
1724 Island Road	DEQ	2-bed unit	Operational		240
212 Island Road	CCHD	3-bed unit	Operational		360
122 Old Ferry Dock Road	CCHD	2-bed unit	Operational		240
1576 Island Road	CCHD	3-bed unit	Operational		360
1672 Island Road	CCHD	3-bed unit	Operational		360
163 Old Ferry Dock Rd.	CCHD	3-bed unit	Operational		360
330 Island Rd.	CCHD	3-bed unit		1	360
140 Yeomans Dr.	CCHD/Application	3-bed unit			360
Park Service, Phase 2	CCHD	5 homes; 12 RV Lots; Maintenance Facility, 10 employees	Operational		2410
NPS Shell Point Restroom	CCHD	120 visitors/day	Operational		600
Harkers Island Fishing Center	CCHD	Existing 10-room motel (no Cooking)	Operational		1200
LDS Church, pending application	CCHD	200 Members w/Kitchen	Operational		600
Tollan Wade Bar/Ice Cream Shop	CCHD	45-Seat Bar/no Food Service+Ice Cream	Operational		1025

				<u>Total</u>	75,475
				<u>"Excess" un-allocated Capacity)</u>	4,685
<u>Approved Total Capacity:</u>	Harkers Village (CCHD/DHHS)	60,000			
	West Bay (DEQ)	20,160			
	Total	80,160			
<u>Existing Constructed Capacity:</u>					
	Harkers Village	40,000 GPD	Operational		
	West Bay	10,080 GPD	Non In Service		

Actual Flows:

2019: Peak Month (data through June): (June) 15,745 gpd, mean; 33,400 gpd, max; 27,600 gpd, mean, top 3 days
 2018: Peak Month: (July): 22,013 gpd, mean; 28,400 gpd, max; 25,900 gpd, mean, top 3 days
 2017: Peak Month: (July): 8,835 gpd, mean; 19,000 gpd, max; 16,000 gpd, mean, top 3 days
 2016: Peak Month: (July): 9,877 gpd, mean; 16,000 gpd, max; 15,567 gpd, mean, top 3 days

Notes/Caveats:

1. Approved upgrades to Cape Point lift station (dedicated standby generator and automatic transfer switch) and to WWTP (enhanced denitrification components) remain to be completed (as of August 2019).
2. Applications from HISCO to CCHD are required prior to any new hook-ups to the system within existing service areas connected to the Harkers Village wastewater system. State approval is required for any new multi-family or commercial development.
3. Plans and specifications are required to be received when the average flow of the top three days in any month exceeds 80 percent of the constructed capacity (32,000 GPD). This shall include plans needed to construction 4th LPP drainfield; and plans to either expand Harkers Village WWTP from 40K to 60K, or for a replacement plant, whichever HISCO deems preferable. Installation of approved upgrades is required prior to peak daily flow exceeding constructed capacity (40K), or the average flow of the top three days in any month exceeds 90 percent of constructed capacity (36K).
4. When the average flow of the top three days in any month exceeds 48,000 GPD, plans and specifications must be received as needed to either expand the permitted capacity of the Harkers Village Wastewater System (plant and drainfield), or to bring the West Bay Wastewater System on-line and as needed to operate and regulate both systems simultaneously. This will also require application to be made and approval given by both the CCHD/DHHS and DEQ.
5. No Construction Authorizations will be issued that will result in the total allocated flow exceeding the Approved Total Capacity of the Harkers Village and West Bay systems (80,160 GPD) until expansion system plans and specifications are provided and approved.