

MADISON METROPOLITAN SEWERAGE DISTRICT

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April 21, 2011

Mr. Al Larson
City of Madison Water Utility
119 E. Olin Avenue
Madison, WI 53713-1431

**Subject: Water Utility Board Public Hearing on April 27, 2011
Pressure Zone 4 Water Supply Augmentation**

Dear Al:

The Madison Metropolitan Sewerage District has received notice of a public hearing for the above-referenced project as a property owner within the limits of the study. We have reviewed the project information that is available on the Water Utility's website and understand that there is a need to provide additional capacity and redundancy to this portion of the water supply system. One alternative to meet the required objectives is to construct a new supply well in the southeast portion of the City. Potential well sites under consideration at this time include the 'Dairy Center' and 'Tradewinds' sites.

MMSD staff has briefly reviewed each potential well site and offers the following comments relative to our existing facilities:

- 1) Dairy Center site. Potential well sites are identified in the 4900 block of Femrite Drive near its intersection with Dairy Drive. MMSD's nearest facility is the Far East Interceptor, located approximately 1,000 feet to the north of the proposed sites. This 42" concrete sewer was constructed in 1970. MMSD's Northeast Interceptor is located approximately 2,000 feet to the west of these sites. We do not believe a new well at this location would impact the District's existing or future facilities in the area.



- 2) Tradewinds site. A potential well site has been proposed at the easterly terminus of Tradewinds Parkway, just south of USH 12/18. MMSD's Southeast Interceptor (Blooming Grove Extension) runs along the southerly property line of this site in an east to west direction. This 30" concrete sewer was constructed in 1967. Installation of a new well at this site may be constrained by the minimum separation requirements from sanitary sewers per NR 811 of the Wisconsin Administrative Code. MMSD does not have any plans to relocate or replace this facility. If this site is selected as the preferred alternative for a new well we would request involvement in the preliminary planning and design of the new facility to address any code-related issues.

Our facility maps in the areas adjacent to the two potential well sites are attached for your reference and use. At this time we do not plan to attend the public hearing scheduled for April 27 and request that this letter be submitted as MMSD's comments in our absence.

Please let me know if you feel a District representative should attend the public hearing or if you require more information with regard to our collection system. Good luck with your project.

Sincerely,



Todd W. Gebert
Todd W. Gebert
Collection System Engineer

TWG:twg

Attachments

cc: Mike Simon, MMSD (e-mail only)
Bruce Borelli, MMSD (e-mail only)



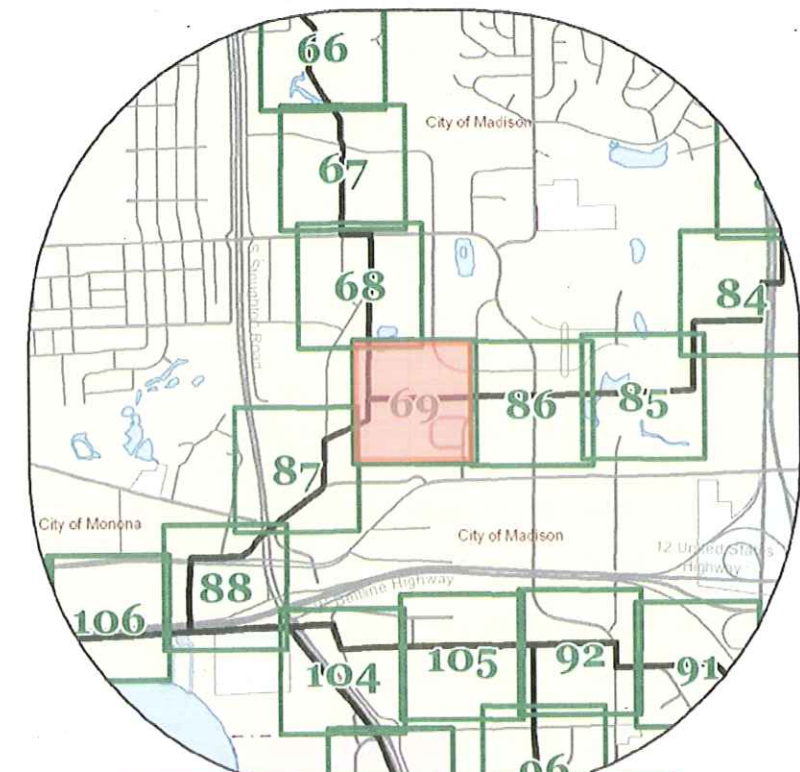
Pipe Table 69 - Int No 20 - FAR EAST INTERCEPTOR

Flow Type	Up Struc	Up IE	Down Struc	Down IE	Length (Ft)	Size (In)	Section Slope (Ft/Ft)	Section Capacity (MGD)	Flow to PS_No	Is Lined?	Material	Year Installed
GR	MH07-404	0.46	MH07-403	0.13	550	42	0.0006	15.92	PS07	No	RCP	1970
GR	MH07-403	0.13	MH07-402A	-0.10	275	42	0.0006	15.92	PS07	No	RCP	1970
GR	MH07-402A	-0.10	MH07-402	-0.33	275	42	0.0006	15.92	PS07	No	RCP	1970
GR	MH07-402	-0.33	MH07-401	-0.57	550	42	0.0006	15.92	PS07	No	RCP	1970
GR	MH07-401	-0.57	MH07-932		536	42	0.0006	15.92	PS07	No	RCP	1970
GR	MH07-932		MH07-313	-0.91	14	42	0.0006	15.92	PS07	No	RCP	1970

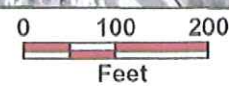
Pipe Table 69 - Int No 45 - NORTHEAST INTERCEPTOR

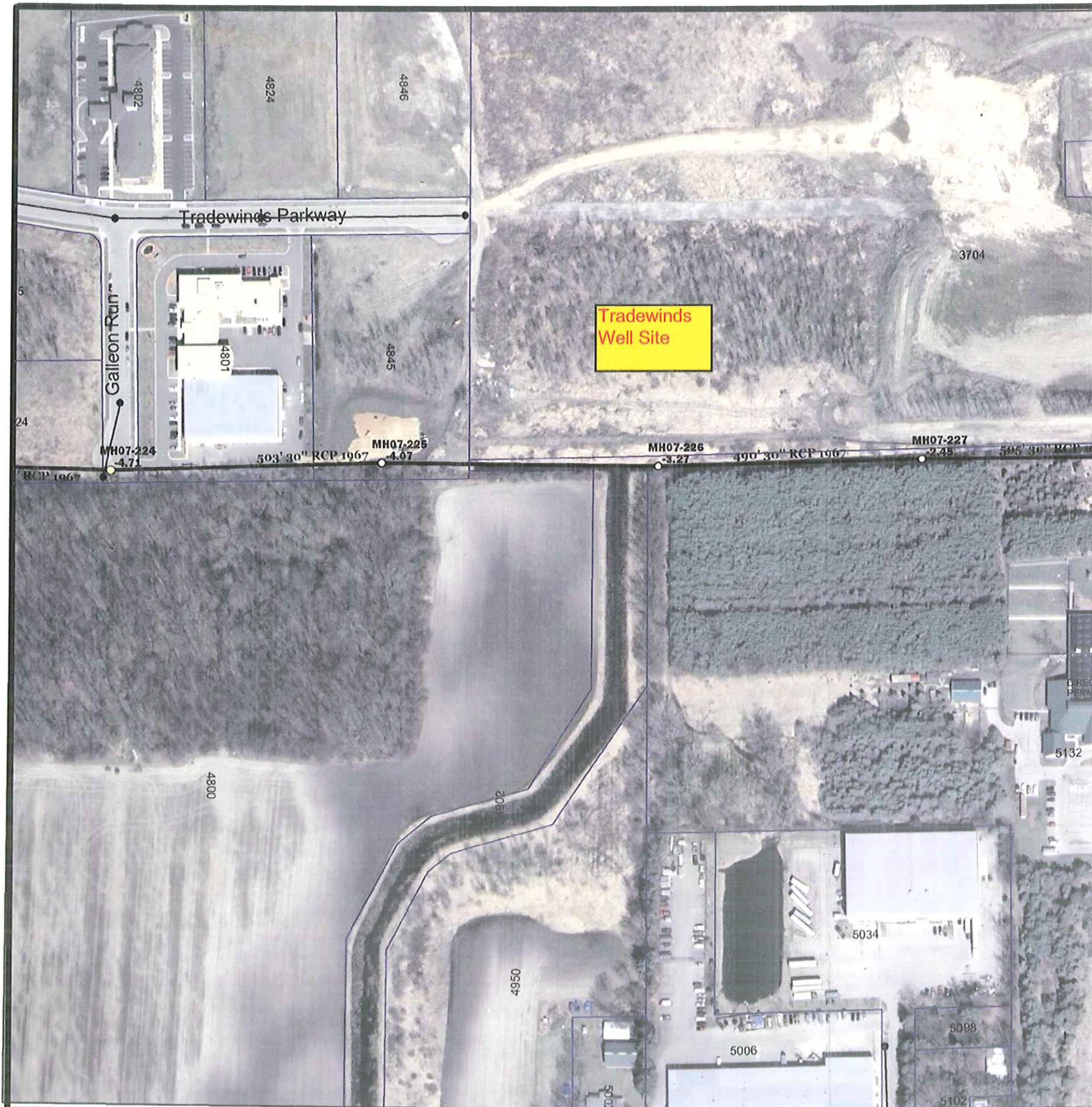
Flow Type	Up Struc	Up IE	Down Struc	Down IE	Length (Ft)	Size (In)	Section Slope (Ft/Ft)	Section Capacity (MGD)	Flow to PS_No	Is Lined?	Material	Year Installed
GR	MH07-313	-2.04	MH07-312	-2.09	354	48	0.0012	32.14	PS07	No	RCP	1964
GR	MH07-312	-2.09	MH07-311	-2.27	383	48	0.0012	32.14	PS07	No	RCP	1964

Locator Map



PREVIOUS INDEX NEXT

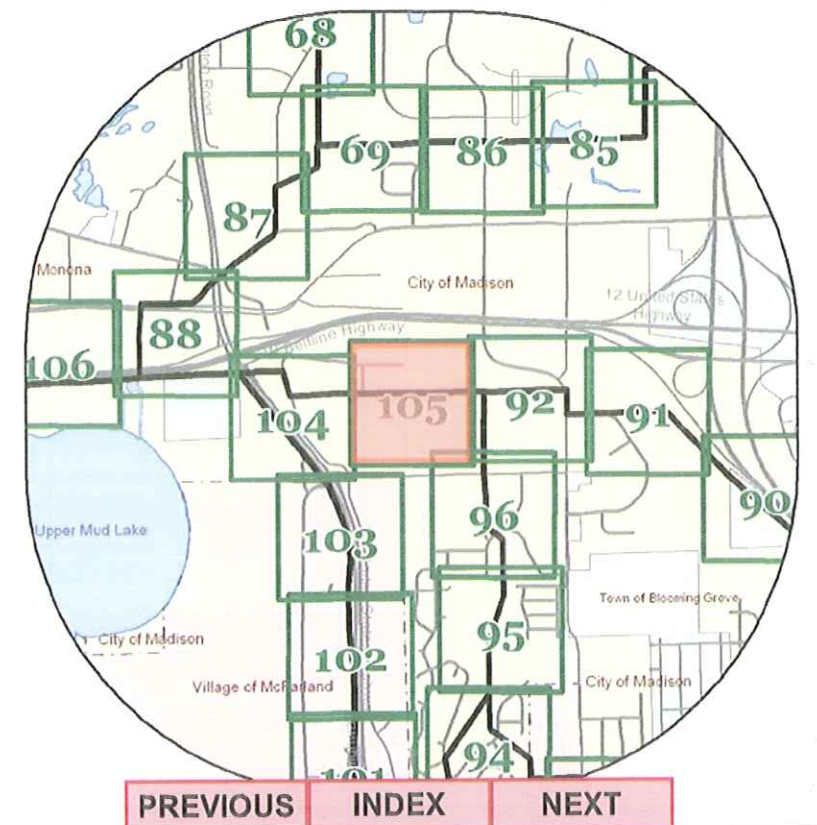




Pipe Table 105 - Int No 111 - SOUTHEAST INTERCEPTOR/BLOOMING GROVE EXT

Flow Type	Up Struc	Up IE	Down Struc	Down IE	Length (Ft)	Size (In)	Section Slope (Ft/Ft)	Section Capacity (MGD)	Flow to PS_No	Is Lined?	Material	Year Installed
GR	MH07-228	-1.84	MH07-227	-2.45	505	30	0.0015	10.26	PS07	No	RCP	1967
GR	MH07-227	-2.45	MH07-226	-3.27	490	30	0.0015	10.26	PS07	No	RCP	1967
GR	MH07-226	-3.27	MH07-225	-4.07	503	30	0.0015	10.26	PS07	No	RCP	1967
GR	MH07-225	-4.07	MH07-224	-4.71	503	30	0.0015	10.26	PS07	No	RCP	1967
GR	MH07-224	-4.71	MH07-223	-5.15	311	30	0.0015	10.26	PS07	No	RCP	1967

Locator Map



PREVIOUS INDEX NEXT

