

**TAMS**

January 14, 1997

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Mr. John Henkus  
New York State Department  
Of Environmental Conservation  
50 Wolf Road  
Albany, New York 12233

Subject: Monitor Well Inventory at Mahopac Site

Dear Mr. Henkus:

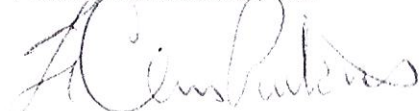
On December 11, 1996 TAMS Consultants, Inc. went to the Mahopac site to perform the monitor well inventory, as requested. Of the fifteen wells originally installed TAMS was able to locate ten. There has been a lot of repaving in Mahopac, in the street and within the parking lot areas of many of the businesses, where the wells were installed. A metal detector was helpful in locating some of the wells which were under snow, ice or vegetation.

It is not known exactly why some of the wells were unable to be located. It is possible that some could have been paved over while others could have been damaged during the road work and then paved over. One area was covered with fill material and the well could not be located. In any event the metal detector did not help in identifying the possible location of potentially paved over or buried wells.

Generally, the wells which were found were in good condition. One of the wells was unable to be opened, since the cover was rusted shut. However, with some additional prodding it should come open. Redevelopment of the wells would be helpful in reassuring a good hydraulic connection to the aquifers, since it has been some time since they were last sampled.

The data for each well inventoried is attached. If you have any questions regarding this matter please contact me.

Very truly yours,  
TAMS Consultants, Inc.



F. Christopher Purkiss  
Associate

attachment



**TAMS Consultants, Inc.**

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# TAMS

## Mahopac Well Inventory

Well Number: MW-1E

Date: December 11, 1996

Outer Casing Type:

Flush Mount         

Upright ☒

Description: Size 6 in. diameter Stick-up 1.5 ft. Material steel

Condition: Protective casing full of water (up 1.25' above ground)

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):         

Concrete collar is cracked

In weeds among leaves and snow

Riser: YES ☒ NO          Condition/Size/Mat'l: 2" PVC good condition

Riser Cap: YES ☒ NO          Comment: Threaded

Lock: YES ☒ NO          Comment: Cut

New Lock:<sup>1</sup> YES ☒ NO          Make/Key No: Master # 3542

Water Level: 11.13 <sup>top of riser</sup> bgs Water Level (from boring log): 14 bgs

Comment:         

Screened interval (from boring log): 12.4' - 130.5' bgs

Well depth: 133.4 <sup>top of riser</sup> bgs Well depth (from boring log): 131.3' bgs

Comment: 133.68 top of casing  
Silt in bottom of well

Approximate  
Well Location:

Approx 20' West of West End of American  
Legion Parking Lot

Inspected By:

Michael Poland / Chris Parkiss

<sup>1</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-15

Date: December 11, 1996

Outer Casing Type: Flush Mount Upright ☒

Description: Size 4" in. Stick-up 1'1" ft. Material Steel

Condition: Rusted, collar is cracked

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):

In Woods among leaves and snow

Riser: YES ☒ NO ☐ Condition/Size/Mat'l: SS - 2" - good condition

Riser Cap: YES ☒ NO ☐ Comment: Slip on SS

Lock: YES ☒ NO ☐ Comment: Cut

New Lock:<sup>1</sup> YES ☒ NO ☐ Make/Key No: Master #3542

Water Level: 7.55' bgs. 7.5' bgs  
7.5'

Comment:

Screened interval (from boring log): 18.5' - 28.5' bgs

Well depth: 30.28' bgs 28.5' bgs  
7.5'

Comment: No silt in bottom

Approximate Well Location: Approx 20' West of West End of American Legion Parking Lot

Inspected By: Michael Deland / Chris Parkiss

<sup>1</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-2D

Date: December 11, 1996

Outer Casing Type: Flush Mount ☒ Upright ☐

Description: Size 12 in. square Stick-up        ft. Material steel

Condition: protective lid is broken

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.): Newly

paved area, cars parked over wells

Riser: YES ☒ NO ☐ Condition/Size/Mat'l: 2" PVC - good condition

Riser Cap: YES ☒ NO ☐ Comment: Threaded/expandable pump seal  
on casing

Lock: YES ☐ NO ☒ Comment:       

New Lock:<sup>1</sup> YES ☐ NO ☒ Make/Key No:       

Water Level: 6.84' bgs rec. Water Level (from boring log): 51' bgs

Comment:       

Screened interval (from boring log): 315' - 335' bgs

Well depth: 300 +' bgs rec. Well depth (from boring log): 335' bgs

Comment: well depth is greater than 300'

Approximate Well Location: See well MW-2S

Inspected By: Michael Peland / Chris Parkiss

<sup>1</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-25

Date: December 11, 1996

Outer Casing Type: Flush Mount ☒ Upright ☐

Description: Size 12 in. square Stick-up        ft. Material steel

Condition: 4' steel casing with lock - good condition

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.): Newly

paved area, cars parked over wells

Riser: YES ☒ NO ☐ Condition/Size/Mat'l: 2" PVC - good condition

Riser Cap: YES ☒ NO ☐ Comment: locking, rubber seal - good cond

Lock: YES ☒ NO ☐ Comment: rusted

New Lock:<sup>1</sup> YES ☐ NO ☒ Make/Key No:       

Water Level: 3.99' bgs fec Water Level (from boring log): 7.5' bgs

Comment: 1" of water inside protective casing

Screened interval (from boring log): 11'-21' bgs

Well depth: 20.6' bgs fec Well depth (from boring log): 21' bgs

Comment: some silt in bottom of the well

Approximate Well Location: 48' South of law building (Mahopac Plaza) Approx.  
6' West of SE corner of building

Inspected By: Michael Poland / Chris Parkiss

<sup>1</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-2I

Date: December 11, 1996

Outer Casing Type:

Flush Mount ☒

Upright ☐

Description: Size 12 in. square Stick-up        ft. Material steel

Condition: 4" steel casing with lock - good condition

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.): Newly

paved area, cars parked over wells

Riser: YES ☒ NO ☐ Condition/Size/Mat'l: 2" PVC - good cond.

Riser Cap: YES ☒ NO ☐

Comment: expandable pump seal on casing

Lock: YES ☐ NO ☒

Comment:       

New Lock: YES ☐ NO ☒

Make/Key No:       

Water Level: 4.75' bgs- 700

Water Level (from boring log): 9.5' bgs

Comment:       

Screened interval (from boring log): 45'-65' bgs

Well depth: 48.53' bgs- 700

Well depth (from boring log): 65' bgs

Comment: some silt in bottom of the well

Approximate  
Well Location:

see well MW-2S

Inspected By:

Michael Poland

Chris Parkiss

Replacement Lock

## Mahopac Well Inventory

**Date:** December 11, 1996

Upright \_\_\_\_\_

**General Site Conditions** (Pavement, drainage, staining, concrete collar, etc.): \_\_\_\_\_

Michael Poland / Chris Parkiss

<sup>i</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-35

Date: December 11, 1996

Outer Casing Type: Flush Mount Upright

Description: Size            in. Stick-up            ft. Material           

Condition:           

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):           

Riser: YES        NO        Condition/Size/Mat'l:           

Riser Cap: YES        NO        Comment:           

Lock: YES        NO        Comment:           

New Lock:<sup>1</sup> YES        NO        Make/Key No:           

Water Level:            bgs Water Level (from boring log): 1.5'-2.0' bgs

Comment:           

Screened interval (from boring log): 24.5'-34' bgs

Well depth:            bgs Well depth (from boring log): 34.5' bgs

Comment: large area is covered with fill. Could be under-filler or  
snow mound. Parts of the yard are under water.

Approximate Well Location: Canal Blvd - somewhere behind homeowner's (Mary)  
yard?

Inspected By: Michael Peland Chris Parkiss

<sup>1</sup>Replacement Lock



# TAMS

## Mahopac Well Inventory

Well Number: MW-045

Date: December 11, 1996

Outer Casing Type:

Flush Mount ☒

Upright ☐

Description: Size 11 in.  
diameter

Stick-up        ft.

Material Cast iron

Condition: good condition

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):       

In a front lawn

Riser:

YES ☒ NO ☐

Condition/Size/Mat'l:       

Riser Cap:

YES ☐ NO ☒

Comment:       

Lock:

YES ☐ NO ☒

Comment: Casing Cap - no lock

New Lock:<sup>1</sup>

YES ☐ NO ☒

Make/Key No:       

Water Level:

5.90' bgs  
70C

Water Level (from boring log):

13.5' bgs

Comment:       

Screened interval (from boring log):

10.5' - 20.5'

bgs

Well depth:

20.62' bgs  
20.44' 70C

Well depth (from boring log):

20.5' bgs

Comment:       

Approximate  
Well Location:

In front lawn of 43 Tamarack Rd. (or Ridge Rd?)

Approx 15' East of entry walk

Inspected By:

Michael Poland

Chris Parkiss

<sup>1</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-051

Date: December 11, 1996

Outer Casing Type:

Flush Mount ☒

Upright ☐

Description: Size 11 in. diameter Stick-up          ft. Material cast iron

Condition: good condition

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):         

in woods, under wooden table

Riser: YES ☒ NO ☐ Condition/Size/Mat'l: 2" PVC - good condition

Riser Cap: YES ☒ NO ☐ Comment: expandable pump seal on casing

Lock: YES ☐ NO ☒ Comment:         

New Lock:<sup>1</sup> YES ☐ NO ☒ Make/Key No:         

Water Level: 138' bgs 760 Water Level (from boring log): 5.5' bgs

Comment:         

Screened interval (from boring log): 45' - 65' bgs

Well depth: 54.5' bgs 760 Well depth (from boring log): 65' bgs

Comment:         

Approximate  
Well Location:

4' West of Marina parking lot. Approx. 10' from road.

Inspected By:

Michael Peland Chris Parkiss

<sup>1</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-6E

Date: December 11, 1996

Outer Casing Type: Flush Mount ☒ Upright ☐

Description: Size 9 in. Stick-up          ft. Material           
*character*

Condition: 6" casing, good condition

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):         

In service station parking lot, paved within a month

Riser: YES ☒ NO ☐ Condition/Size/Mat'l: 2" PVC - good condition

Riser Cap: YES ☒ NO ☐ Comment: expandable pump seal on casing

Lock: YES ☐ NO ☒ Comment:         

New Lock: YES ☐ NO ☒ Make/Key No:         

Water Level: 1.64' bgs 7' bgs  
*TTC* Water Level (from boring log):

Comment:         

Screened interval (from boring log): 27'-47' bgs

Well depth: 46.64' bgs 47' bgs  
*TTC* Well depth (from boring log):

Comment: not quite silty on bottom

Approximate Well Location: 10' North, 10' West of Northeast corner of  
Lake Mahopac Tailor

Inspected By: Michael Pland Chris Parkiss

Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-65

Date: December 11, 1996

Outer Casing Type: Flush Mount ☒ Upright ☐

Description: Size 11 in. diameter Stick-up        ft. Material Steel

Condition: 4" casing with a locking cap

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):       

Service station parking lot, paved within a month

Riser: YES ☒ NO ☐ Condition/Size/Mat'l: 2" stainless steel good condition

Riser Cap: YES ☐ NO ☒ Comment:       

Lock: YES ☒ NO ☐ Comment:       

New Lock:<sup>1</sup> YES ☐ NO ☒ Make/Key No:       

Water Level: 1.36' bgs 700 Water Level (from boring log): 8' bgs

Comment:       

Screened interval (from boring log): 5.5' - 9.5' bgs

Well depth: 9.16' bgs 700 Well depth (from boring log): 9.5' bgs

Comment:       

Approximate Well Location: 13.5' North, 5' West of Northeast corner of Lake Mahopac Tailor

Inspected By: Michael Peland Chris Purkiss

<sup>1</sup>Replacement Lock



## Mahopac Well Inventory

Well Number: MW-083

Date: December 11, 1996

Outer Casing Type: Flush Mount Upright

Description: Size        in. Stick-up        ft. Material       

Condition:       

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):       

Riser: YES        NO        Condition/Size/Mat'l:       

Riser Cap: YES        NO        Comment:       

Lock: YES        NO        Comment:       

New Lock:<sup>1</sup> YES        NO        Make/Key No:       

Water Level:        bgs Water Level (from boring log): 4.5' bgs

Comment:       

Screened interval (from boring log): 7.5' - 7.5' bgs

Well depth:        bgs Well depth (from boring log): 9.5' bgs

Comment: Normal "sewer trench well" on the map legend.

Approximate  
Well Location:

Cannot locate well. Area is recontoured with new  
pavement. We uncovered about 40' x 6' of snow,  
but found nothing

Inspected By:

Michael Delaney Chris Purkiss

<sup>1</sup>Replacement Lock

**TAMS**

**Mahopac Well Inventory**

Well Number: MW-015

Date: December 11, 1996

Outer Casing Type: Flush Mount Upright

Description: Size        in. Stick-up        ft. Material       

Condition:       

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):       

Riser: YES        NO        Condition/Size/Mat'l:       

Riser Cap: YES        NO        Comment:       

Lock: YES        NO        Comment:       

New Lock:<sup>1</sup> YES        NO        Make/Key No:       

Water Level:        bgs Water Level (from boring log): 4.1' bgs

Comment:       

Screened interval (from boring log): 8' - 10' bgs

Well depth:        bgs Well depth (from boring log): 9.5' bgs

Comment:       

Approximate Well Location: Cannot locate well, area has been recently paved.  
Puzzled about the moniker, "sewer trench well" in legend

Inspected By: Michael Poland Chris Parks

<sup>1</sup>Replacement Lock

# TAMS

## Mahopac Well Inventory

Well Number: MW-105

Date: December 11, 1996

Outer Casing Type: Flush Mount Upright

Description: Size            in. Stick-up            ft. Material           

Condition:           

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):           

Riser: YES        NO        Condition/Size/Mat'l:           

Riser Cap: YES        NO        Comment:           

Lock: YES        NO        Comment:           

New Lock:<sup>1</sup> YES        NO        Make/Key No:           

Water Level:            bgs Water Level (from boring log): 5.9' bgs

Comment:           

Screened interval (from boring log): 4.75' - 6.75' bgs

Well depth:            bgs Well depth (from boring log): 7' bgs

Comment:           

Approximate  
Well Location:

Cannot locate well. Named "sewer trench  
well" on map legend.

Inspected By:

Michael Polansky / Chris Parkiss



## Mahopac Well Inventory

Well Number: MW-115

Date: December 11, 1996

Outer Casing Type: Flush Mount Upright

Description: Size        in. Stick-up        ft. Material       

Condition:       

General Site Conditions (Pavement, drainage, staining, concrete collar, etc.):       

Riser: YES        NO        Condition/Size/Mat'l:       

Riser Cap: YES        NO        Comment:       

Lock: YES        NO        Comment:       

New Lock: YES        NO        Make/Key No:       

Water Level:        bgs Water Level (from boring log):        bgs

Comment:       

Screened interval (from boring log): 7.5' - 9.5' bgs

Well depth:        bgs Well depth (from boring log): 9.5' bgs

Comment: Named "sewer trench well" on map legend

Approximate Well Location: Cannot locate well. Area is recently paved and has new bricks in the ground

Inspected By: Michael Deland / Chris Purkiss