Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19 Name of Business/Subdivision _____
Property Tax ID Number 0093-947-004 Address of Property – NORTHFIELD DR MENOMONEE FALLS, WI 53051

Dry Pond	
Wet Pond	X
Other	

Description: 24N001 POND #8

Location Of Pond: LOT 2 CSM 9878 NW COR. OF SITE

Year Pond Constructed 2004 Year of Last Certification _____

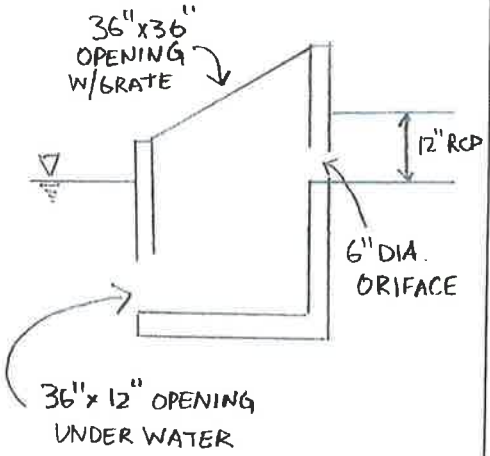
Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	795.00	795.02			
Downstream Invert	794.00	793.69			
Length	500.0'	499.4'			
Slope	0.20%	0.27%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFACE	5" DIA.	6" DIA			
Elevation	795.00	795.02			
Emergency Spillway					
Elevation	799.50	798.5			
Length of spillway	20.0'	16.5'			
Embankment			Present Yes	No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	795.00	795.02				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	798.58	798.33				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.115	0.116				
Area at Design High Water Elevation (Ac)	0.213	0.236				
Active Storage Available (Ac-Ft)*	0.920	1.03				
Lowest Elevation at Top of Embankment (If Applicable)	799.50	800.5				
Average Elevation at Top of Embankment (If Applicable)	800.50	802.3				
Maximum Bottom Elevation	790.00	788.15				
Average Pond Bottom Elevation	790.00	789.0				
Pond Bottom Area (Ac)	0.013	0.007				
Maximum Pond Depth	5.0'	6.8'				
Average Pond Depth	5.0'	6'				

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)
Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*
Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: JSD PROFESSIONAL SERVICES, INC
Phone Number: (262) 513-0666
Address: N22 W22931 NANCYS CT. STE. 3
WAUKESHA, WI
53186

Inspector Name: RIZAL ISKANDARSJACH
Inspection Date: MAY 17, 2010

Certifying Professional Name: ADAM ARTZ
Phone Number: (262) 513 0666

WISCONSIN
ADAM R. ARTZ
E-40448
WAUKESHA, WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date: 05/27/10.

Signature:

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19 Name of Business/Subdivision OPEN SITE
Property Tax ID Number 0093-947-004 Address of Property NORTHFIELD DR. MENOMONEE FALLS, WI 53051

Dry Pond	
Wet Pond	X
Other	

Description: 24N002 POND #6

Location Of Pond: LOT 2 CSM 9878 SE COR. OF SITE

Year Pond Constructed 2004 Year of Last Certification

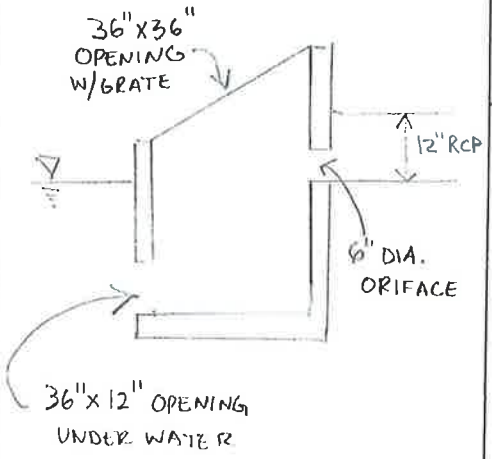
Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	784.00	784.02			
Downstream Invert	783.00	782.90			
Length	90.0'	78.1'			
Slope	1.11%	1.43%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFACE	4.5" DIA	6" DIA			
Elevation	784.00	784.02			
Emergency Spillway					
Elevation	789.50	788.4			
Length of spillway	20.0'	24'			
Embankment			Present Yes	No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	784.00	784.02				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	788.31	788.46				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.353	0.290				
Area at Design High Water Elevation (Ac)	0.580	0.547				
Active Storage Available (Ac-Ft)*	0.307	0.52				
Lowest Elevation at Top of Embankment (If Applicable)	789.50	788.5				
Average Elevation at Top of Embankment (If Applicable)	790.50	792.9				
Maximum Bottom Elevation	779.00	776.7				
Average Pond Bottom Elevation	779.00	778.0				
Pond Bottom Area (Ac)	0.125	0.040				
Maximum Pond Depth	5.0'	7.3'				
Average Pond Depth	5.0'	6'				

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)
Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*
Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: JSD PROFESSIONAL SERVICES, INC.
Phone Number: (262) 513-0666
Address: N22 W22931 NANCYS CT. STE. 3
WAUKESHA, WI
53186

Inspector Name: RIZAL ISKANDARSJACH
Inspection Date: MAY 17, 2010

Certifying Professional Name: ADAM ARTZ
Phone Number: (262) 513-0666

WISCONSIN
ADAM R. ARTZ
E-40448
WAUKESHA, WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date:	*Signature*
05/27/10	

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

POND 6

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19 Name of Business/Subdivision NORTHFIELD MANOR
Property Tax ID Number 0093-947-008 Address of Property W128 N6900 NORTHFIELD DR. MENOMONEE FALLS, WI 53015

Dry Pond	
Wet Pond	X
Other	

Description: 24N003 POND #4

Location Of Pond: LOT 3 CSM 9880 S. SIDE OF SITE

Year Pond Constructed 2004 Year of Last Certification _____

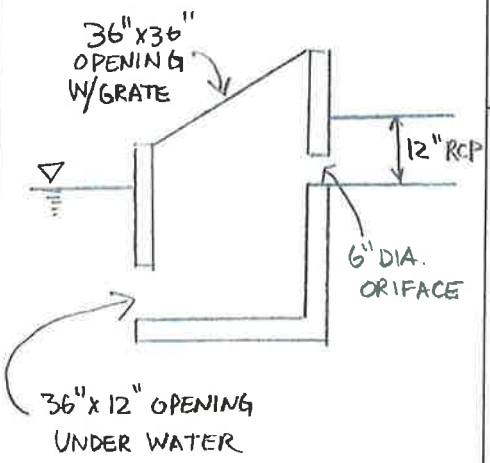
Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	776.00	776.08			
Downstream Invert	775.97	775.66			
Length	56.0'	43.4'			
Slope	0.05%	0.97%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFACE	6.5" DIA.	6" DIA			
Elevation	776.00	776.08			
Emergency Spillway					
Elevation	781.50	780.0			
Length of spillway	20.0'	20'			
Embankment			Present Yes	Present No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	Compliant No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	776.00	776.08				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	780.95	780.76				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.161	0.203				
Area at Design High Water Elevation (Ac)	0.379	0.398				
Active Storage Available (Ac-Ft)*	1.758	1.15				
Lowest Elevation at Top of Embankment (If Applicable)	781.50	780.0				
Average Elevation at Top of Embankment (If Applicable)	782.50	785.8				
Maximum Bottom Elevation	772.00	772.3				
Average Pond Bottom Elevation	772.00	772.5				
Pond Bottom Area (Ac)	0.057	0.040				
Maximum Pond Depth	4.0'	3.8'				
Average Pond Depth	4.0'	3.6'				

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)
Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*
Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: JSD PROFESIONAL SERVICES, INC
Phone Number: (262) 513-0666
Address: N22 W22931 NANCYS CT., STE 3
WAUKESHA, WI
53186

Inspector Name: RIZAL ISKANDAR SJACH
Inspection Date: MAY 17, 2010

Certifying Professional Name: ADAM ARTZ
Phone Number: (262) 513-0666

WISCONSIN
ADAM R.
ARTZ
E-40418
WAUKESHA,
WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date: 05/27/10

Signature:

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

POND 4

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19
Property Tax ID Number 0093-947-009

Name of Business/Subdivision FALLS BAPTIST CHURCH
Address of Property – NORTHFIELD DR. MENOMONEE FALLS, WI 53015

Dry Pond	
Wet Pond	X
Other	

Description: 24N004 POND #2

Location Of Pond: LOT 4 CSM 9880 E. SIDE OF SITE

Year Pond Constructed 2004

Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	775.00	774.99			
Downstream Invert	774.00	774.20			
Length	52.0'	48.5'			
Slope	1.92%	1.63%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFACE	4" DIA.	6" DIA.			
Elevation	775.00	774.99			
Emergency Spillway					
Elevation	781.50	781.3			
Length of spillway	20.0'	22.5'			
Embankment			Present Yes	Present No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	Compliant No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	775.00	774.99				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	779.10	779.62				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.062	0.057				
Area at Design High Water Elevation (Ac)	0.165	0.142				
Active Storage Available (Ac-Ft)*	1.049	0.772				
Lowest Elevation at Top of Embankment (If Applicable)	781.50	780.5				
Average Elevation at Top of Embankment (If Applicable)	782.50	781.6				
Maximum Bottom Elevation	772.00	771.5				
Average Pond Bottom Elevation	772.00	772.0				
Pond Bottom Area (Ac)	0.003	0.009				
Maximum Pond Depth	3.0'	3.5'				
Average Pond Depth	3.0'	3'				

781.5 Top

780.5 weir

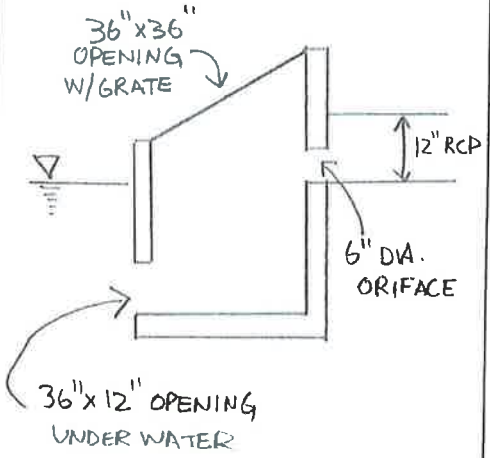
779.75 des. elev. ±

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)

Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*

Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: JSD PROFESSIONAL SERVICES, INC

Phone Number: (262) 513-0666

Address: N22 W22931 NANCYS CT., STE. 3
WAUKESHA, WI
53186

Inspector Name: RIZAL ISKANDARSJACH

Inspection Date: MAY 17, 2010

Certifying Professional Name: ADAM ARTZ

Phone Number: (262) 513-0666

WISCONSIN
ADAM R.
ARTZ
E-40448
WAUKESHA,
WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date: 05/27/10

Signature:

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

POND 2

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19 Name of Business/Subdivision BUENA VISTA CONDOMINIUMS

Property Tax ID Number 0093-947-011 THRU 0093-947-030 Address of Property W129 N6811 NORTHFIELD DR. MENOMONEE FALLS, WI 53015

Dry Pond	
Wet Pond	X
Other	

Description: 24N005 POND # 1

Location Of Pond: LOT 2 CSM 9880 NE CORNER OF SITE

Year Pond Constructed 2004 Year of Last Certification _____

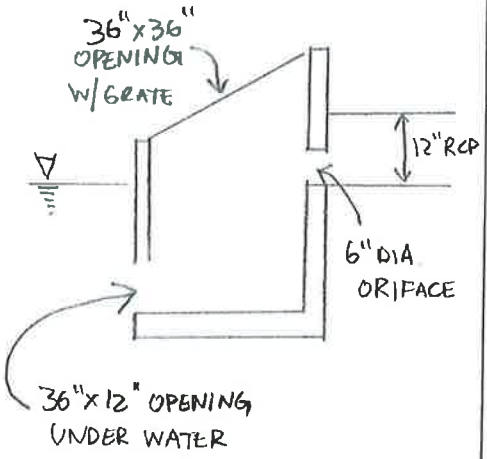
Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	783.00	783.24			
Downstream Invert	782.00	782.16			
Length	42.0'	41.8'			
Slope	2.38%	2.58%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFACE	6.5" DIA.	6" DIA.			
Elevation	783.00	783.24			
Emergency Spillway					
Elevation	788.50	787.8			
Length of spillway	20.0'	19.5'			
Embankment			Present Yes	No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	783.00	783.24				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	786.00	787.86				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.085	0.060				
Area at Design High Water Elevation (Ac)	0.207	0.221				
Active Storage Available (Ac-Ft)*	1.380	1.19				
Lowest Elevation at Top of Embankment (If Applicable)	788.50	787.7				
Average Elevation at Top of Embankment (If Applicable)	789.50	790.0				
Maximum Bottom Elevation	779.00	778.1				
Average Pond Bottom Elevation	779.00	779.0				
Pond Bottom Area (Ac)	0.012	0.006				
Maximum Pond Depth	4.0'	5.1'				
Average Pond Depth	4.0'	4.2'				

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)
Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*
Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: JSD PROFESSIONAL SERVICES, INC
Phone Number: (262) 513-0666
Address: N22 W22931 NANCYS CT STE. 3
WAUKESHA, WI
53186

Inspector Name: RIZAL ISKANDARSJACH
Inspection Date: MAY 17, 2010

Certifying Professional Name: ADAM ARTZ
Phone Number: (262) 513-0666

WISCONSIN
ADAM R. ARTZ
E-40448
WAUKESHA, WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date: 05/27/10

Signature:

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

POND 1

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19 Name of Business/Subdivision ALTA MIRA APARTMENTS
Property Tax ID Number 0093-947-006 Address of Property W129 N6889 NORTHFIELD DR. MENOMONEE FALLS, WI 53015

Dry Pond	
Wet Pond	X
Other	

Description: 24N006 POND #3

Location Of Pond: LOT 1 CSM 9880 SW COR. OF SITE

Year Pond Constructed 2004 Year of Last Certification _____

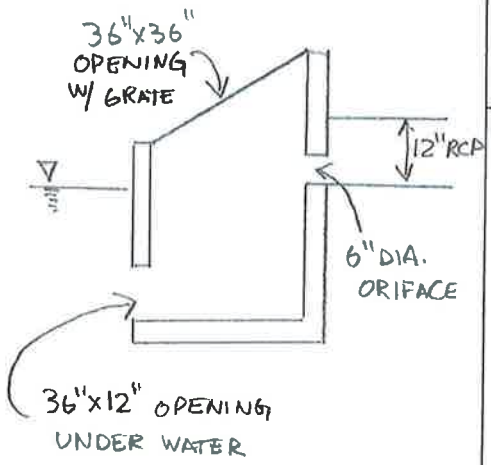
Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	790.00	789.79			
Downstream Invert	789.00	788.75			
Length	150.0'	148.6'			
Slope	0.67%	0.70%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFACE	6" DIA.	6" DIA.			
Elevation	790.00	789.79			
Emergency Spillway					
Elevation	793.50	793.2			
Length of spillway	20.0'	18'			
Embankment			Present Yes	Present No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	Compliant No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	790.00	789.79				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	792.88	793.20				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.163	0.152				
Area at Design High Water Elevation (Ac)	0.353	0.326				
Active Storage Available (Ac-Ft)*	0.427	0.782				
Lowest Elevation at Top of Embankment (If Applicable)	793.50	793.2				
Average Elevation at Top of Embankment (If Applicable)	794.50	796.7				
Maximum Bottom Elevation	785.00	785.0				
Average Pond Bottom Elevation	785.00	786.0				
Pond Bottom Area (Ac)	0.0035	0.0033				
Maximum Pond Depth	5.0'	4.8'				
Average Pond Depth	5.0'	3.8'				

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)
Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*
Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: JSD PROFESSIONAL SERVICES, INC

Phone Number: (262) 513-0666

Address: N22 W22931 NANCYS CT, STE 3
WAUKESHA, WI
53186

Inspector Name: RIZAL ISKANDARSJACH

Inspection Date: MAY 17, 2010

Certifying Professional Name: ADAM ARTZ

Phone Number: (262) 513-0666

WISCONSIN
ADAM R. ARTZ
E-40448
WAUKESHA, WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date: 05/27/10

Signature:

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

POND 3

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19 Name of Business/Subdivision ALTA MIRA APARTMENTS
Property Tax ID Number 0093-947-032 Address of Property W129 N7017 NORTHFIELD DR. MENOMONEE FALLS, WI 53051

Dry Pond	
Wet Pond	X
Other	

24N007
Description: POND #5

Location Of Pond: LOT 2 CSM 10477 SE COR. OF SITE

Year Pond Constructed 2004 Year of Last Certification _____

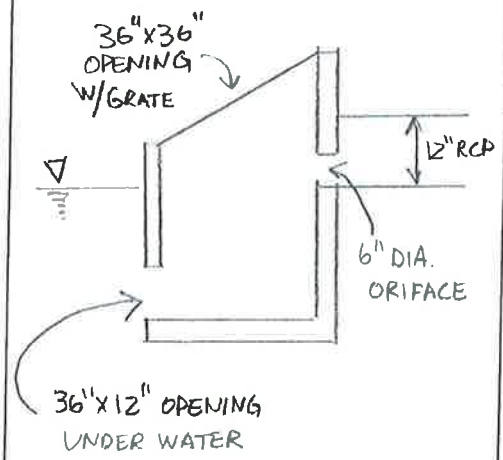
Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	790.00	789.93			
Downstream Invert	788.50	788.02			
Length	254.0'	250.0'			
Slope	0.59%	0.76%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFICE	4.5" DIA.	6" DIA			
Elevation	790.00'	789.93			
Emergency Spillway					
Elevation	793.95	793.6			HYDROCAD MODELING SHOWS 793.95 CONST. DETAILS SHOWS 792.5
Length of spillway	20.0'	34'			
Embankment			Present Yes	Present No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	Compliant No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	790.00	789.93				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	792.92	793.44				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.378	0.255				
Area at Design High Water Elevation (Ac)	0.653	0.598				
Active Storage Available (Ac-Ft)*	2.264	1.74				
Lowest Elevation at Top of Embankment (If Applicable)	793.95	794.1				
Average Elevation at Top of Embankment (If Applicable)	794.00	796.1				
Maximum Bottom Elevation	785.00	784.4				
Average Pond Bottom Elevation	785.00	785.0				
Pond Bottom Area (Ac)	0.071	0.068				
Maximum Pond Depth	5.0'	5.5'				
Average Pond Depth	5.0'	5'				

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)
Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*
Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: JSD PROFESSIONAL SERVICES, INC
Phone Number: (262) 513-0666
Address: N22 W22931 NANCYS CT, STE. 3
WAUKESHA, WI
53186

Inspector Name: RIZAL ISKANDARSJACH
Inspection Date: MAY 17, 2010

Certifying Professional Name: ADAM ARTZ
Phone Number: (262) 513-0666

WISCONSIN
ADAM R.
ARTZ
E-40448
WAUKESHA,
WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date: 05/27/10

Signature:

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

POND 5

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

Menomonee Falls
MORE THAN A VILLAGE

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section NE 1/4 SEC 24-8-19 Name of Business/Subdivision COMMUNITY MEDICAL COMMONS
Property Tax ID Number 0093-947-031 Address of Property W129 N7055 NORTHFIELD DR. MENOMONEE FALLS, WI 53051

Dry Pond	
Wet Pond	X
Other	

Description: 24N008 POND #7

Location Of Pond: LOT 1 CSM 10477 NW COR. OF SITE

Year Pond Constructed 2004 Year of Last Certification _____

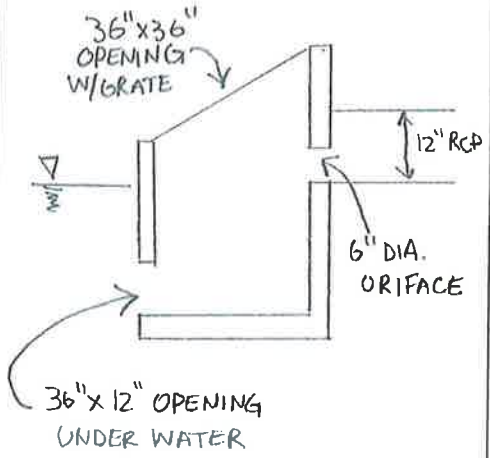
Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"			
Upstream Invert	788.00	788.03			
Downstream Invert	787.00	787.85			
Length	150.0'	117.8			
Slope	0.67%	0.15%			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					
Other (Description)					
Opening Type VERT. ORIFICE	6" DIA.	6" DIA.			
Elevation	788.00	788.03			
Emergency Spillway					
Elevation	793.50	794.8			
Length of spillway	20.0'	25'			
Embankment			Present Yes	Present No	
Unauthorized plantings, trees, or woody vegetation					
Animal burrows or slope erosion					

Storage Properties	Design	Actual	Compliant Yes	Compliant No	Points Surveyed	Equipment Used
Normal Water Elevation *(Wet Ponds)*	788.00	788.03				TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	791.53	792.38				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.698	0.595				
Area at Design High Water Elevation (Ac)	1.04	0.950				
Active Storage Available (Ac-Ft)*	5.943	4.03				
Lowest Elevation at Top of Embankment (If Applicable)	793.50	794.8				
Average Elevation at Top of Embankment (If Applicable)	794.5	797.0				
Maximum Bottom Elevation	783.00	782.6				
Average Pond Bottom Elevation	783.00	783.0				
Pond Bottom Area (Ac)	0.28	0.14				
Maximum Pond Depth	5.0'	5.4'				
Average Pond Depth	5.0'	5'				

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)1/2)
Wet Ponds Use *H = Height of Section , A1= area at normal water elevation, A2=area at top section*
Dry Ponds Use *H= Height of Section, A1= pond bottom area, A2=area at top section*

Sketch Outlet



Place Photograph of Pond

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WISCONSIN
ADAM R. ARTZ
E-40448
WAUKESHA, WI
PROFESSIONAL ENGINEER

Affix Seal Here

Date: 05/27/10

Signature:

Nortfield Dr. Stormwater Management Facilities Operation and Inspection Report Photos.
Photos taken on May 17, 2010

POND 7