

PRIVATE ONSITE WASTE TREATMENT SYSTEMS (POWTS)

INSPECTION REPORT

(ATTACH TO PERMIT)

County
Manitowoc
Sanitary Romit No:

491230 **GENERAL INFORMATION** 5-45-07 Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)] ☐ City ☐ Village Z Town of: State Plan Transaction ID#: Permit Holder's Name: KUNST Schleswig ames BM Description: CST BM Elev: Sevuice 100.00 Corner Dow thiche TANK INFORMATION **ELEVATION DATA** CAPACITY BS **TYPE MANUFACTURER** STATION Н **ELEV** 1200 gal Septic edgeview Benchmark $\omega \omega$ Dosina Combo Aeration Bldg. Sewer (St)/ Ht Inlet Holding (St) Ht Outlet TANK SETBACK INFORMATION VENT TO AIR INTAKE WELL **BLDG** Dt Inlet TANK TO P/L ROAD 507 * NA NA Dt Bottom Septic Installation 15' 91 504 NA Dosing Contour Aeration NA Header / Man. Dist. Pipe Holding Infiltrative **PUMP / SIPHON INFORMATION** Surface 5ta-Rite Demand Final Grade Manufacturer Pump EC240120T Model Number Friction Loss 24' System Head -TDH 3.4 Lift TDH54Ft Length 170 Dia 24 Dist. To Well Forcemain DISPERSAL CELL INFORMATION No of Cells 3 Manufacturer: Type of System **DIMENSIONS** Width 51 Length (201 **LEACHING** New SETBACK **OHWM of Nav** P/L **CHAMBER** Bldg Well Waters Model Number: INFORMATION Tu-Ground 301 95 **CELL TO** X Pressure Systems Only DISTRIBUTION SYSTEM Distribution Pipe(s) Dia 4 X Hole Size Heade / Manifold X Hole **Observation Pipes** Spac 10' ± Dia_4 " Length 10' ± Maryes □ No Spacing **SOIL COVER** Depth of Seeded / Sodded Mulched Depth Over Depth Over 12" ☐ Yes 🞾 No ☐ Yes **Б**АNо Cell Edges Topsoil Cell Center COMMENTS: (Include code discrepancies, persons present, etc.) Tank installed 6-21-07 - Zubel A-100 filter -

* NO well located at time of Inspection - owner to Seed & Milde

Plan revision required?□ Yes 🖼 No

2 Q

Use other side for additional information

Date

POWTS Inspector's Signature

Cert No

Safety and Buildings Division 201 W, Washington Ave., P.O. Box 7162 Madison, WI 53707–7162			Sanitary Permit Number (to be filled in by Co.) 49 1230 - 5 - 0045 - 07					
Sanitary Period In accordance with s. Comm. 83.21(2), Wis. Adm. Counit is required prior to obtaining a sanitary permit submitted to the Department of Commerce. Person purposes in accordance with the Privacy Law, s. 15.04 I. Application Information – Please Print All	State Transaction Number C(Project Address (if different than mailing address)							
Property Owner's Name TAMES Luns Property Owner's Mailing Address	<i>T</i>		Parcel # 015026.03 C1602301 420 100 Property Location					
N 7404 CTY R Sity, State PLYMOUTH WI II. Type of Building (check all that apply) II or 2 Family Dwelling - Number of Bedrooms	3	Phone Number 920 207 8811 Lot #	Govt Let Nw 4, SE 4, Section 23 T 17 N; R 2 Eow Subdivision Name					
Public/Commercial - Describe Use State Owned - Describe Use		CSM Number	O City of					
III. Type of Permit: (Check only one box on line A. Complete line B if applicable) A. New System								
B. Permit Renewal Permit Revision Refore Expiration IV. Type of POWTS System/Component/Devi	Refore Expiration Owner							
Non-Pressurized In-Ground Pressurized In-G	round 🔲 At-Grade	☐ Mound ≥ 24 in. of suitable soil ☐ Pretreatment I	☐ Mound < 24 in. of suitable soil Device (explain)					
V. Dispersal/Treatment Area Information: Design Flow (gpd) Design Soil Application Rate(110	5 120	es Proposed (st) System Elevation 91.5					
VI. Tank Info Capacity in Gallons New Tanks Excisting	To Gall		Prefibb Conscrete Sice Con- structed Sicel Fiber Olass					
Septic or Holding Tank Dosing Chamber	120	O LEOS U	NEW X					
VII. Responsibility Statement- I, the undersigned, assume responsibility for installation of the POWTS shown on the attached plans. Plumber's Name (Print) Plumber's Name (Print) Plumber's Signature Plumber's Address (Street, City, State, Zip Code) Plumber's Address (Street, City, State, Zip Code)								
W3897 CTY LINE KO LLEVELAND WI 53015								
VIII. County/Department Use Only Disapproved								
IX Conditions of Approval/Reasons for Disapproval A Zoning Permit is required from the Manitowice County Planning + Park Office								

SBD-6398 (R. 01/07 Valid thru 01/09

RECEIVED

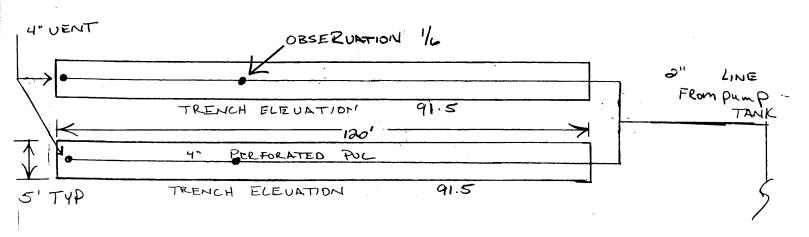
APR 1 1 2007

PLANNING & PARK COMMISSION

JAMES KUNST N 7404 CTY 2D CJ PLY MOUTH WE 53073 207-8811

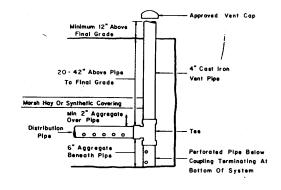
NW 14 SE 14 S23 TITN RAI W TOWN OF SCHLESWIG 1200/800 LEDGE VIEW TANK BOT OF TANK W ZABEL A 100 450 GPD ELEU 89.4 STA-RITE EC24011 OM W TRAFFIC LID BED HOME 110' 2" PUC FORCE MAIN NEW TO DRAINBACK QU'SH 104 WELL G SEV m 🗖 123 SYSTEM ELEU 91.5 SCALE LOWIS CORNERS RD EQUALS 60' SHED HEIM PIG INC W3897 CTY LINE RD CLEVELAND WI 53015 Bm 100.0 CORNER MP 220345 -10F4

NO SCALE



288 WISCONSIN ADMINISTRATIVE CODE

Fresh Air Inlets And Observation Pipe



BRAD HEIM MP 7044 ID 02345

Bud He

2 OF 4

DRAIN FIELD ISOMETRIC No SCALE

JAMES ICUNST
NW14 SE14 SOB TITN ROIN
TOWN OF SCHLESWIC

OBSERVATION
W. PERROLIE

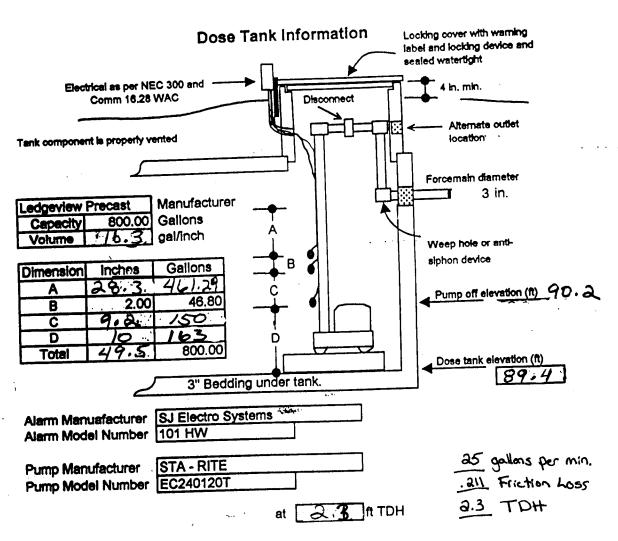
U. PERROLIE

U.

HEIM Plumbing INC W3897 CTY LINE RD CLEUELAND WI 53015 MP 220345

30F4

TOWN OF SCHLESWIG



Project: ANDY TERRY HOLSHBACH

HEIM PLBG INC W 3817 CTY LINE CLEVELAND WI MP 220345

Bed A 0 4 0 F 4

System Management Plan

Pursuant to Comm 83.54, Wis. Adm. Code

General

This system shall be operated in accordance with Comm 82-84 Wis. Adm. Code, and shall maintained in accordance with its' component manuals [SBD-10691-P (N.01/01) and SSWMP Publication 9.6 (01/81)] and local or state rules pertaining to system maintenance and maintenance reporting.

No one should ever enter a septic or pump tank since dangerous gases may be present that could cause death.

Septic and pump tank abandonment shall be in accordance with Comm 83.33, Wis. Adm. Code when the tanks are no longer used as POWTS components.

Septic or pump tank manhole risers, access risers and covers should be inspected for water tightness and soundness. Access openings used for service and assessment shall be sealed watertight upon the completion of service. Any opening deemed unsound, defective, or subject to failure must be replaced. Exposed access openings greater than 8-inches in diameter shall be secured by an effective locking device to prevent accidental or unauthorized entry into a tank or component.

Septic Tank

The septic tank shall be maintained by an individual certified to service septic tanks under s. 281.48, Stats. The contents of the septic tank shall be disposed of in accordance with NR 113, Wis. Adm. Code. The operating condition of the septic tank and outlet filter shall be assessed at least once every 3 years by inspection.

The outlet filter shall be cleaned as necessary to ensure proper operation. The filter cartridge should not be removed unless provisions are made to retain solids in the tank that may slough off the filter when removed from its enclosure. If the filter is equipped with an alarm, the filter shall be serviced if the alarm is activated continuously. Intermittent filter alarms may indicate surge flows or an impending continuous alarm.

The septic tank shall have its contents removed when the volume of sludge and scum in the tank exceeds 1/3 the liquid volume of the tank. If the contents of the tank are not removed at the time of a triennial assessment, maintenance personnel shall advise the owner of when the next service needs to be performed to maintain less than maximum scum and sludge accumulation in the tank.

The addition of biological or chemical additives to enhance septic tank performance is generally not required. However, if such products are used they shall be approved for septic tank use by the Department of Commerce.

Pump Tank

The pump (dosing) tank shall be inspected at least once every 3 years. All switches, alarms, and pumps shall be tested to verify proper operation. If an effluent filter is installed within the tank it shall be inspected and serviced as necessary.

Contingency Plan

If the septic tank or any of its components become defective the tank or component shall be repaired or replaced to keep the system in proper operating condition.

if the dosing tank, pump, pump controls, alarm or related wiring becomes defective the defective component(s) shall be immediately repaired or replaced with a component of the same or equal performance.

if the component fails to accept wastewater or begins to discharge wastewater to the ground surface, it will be repaired or replaced in its' present location by increasing basal area if leakage occurs or by removing biologically clogged absorption and dispersal media, and related piping, and replacing said components as deemed necessary to bring the system into proper operating condition.

See Page 6 of this plan for the name and telephone number of your local POWTS regulator and service provider.



08:24AM

cast iron submersible effluent pumps



This product is Listed to UL Standards for Safety by Underwriters Laboratories Inc. (UL).







The EC2 Series Submersible Pumps are constructed of rugged cast iron, with a non-clog vortex impeller typically used in septic tank effluent applications. Product is available in 4/10 HP, 115 Volt, single phase, complete with a 10' or 20' power cord and 1-1/2" NPT vertical discharge. Automatic units have fieldreplaceable piggy-back tethered style float switches. A full selection of accessories for automatic operation is available, and includes float switches, simplex and duplex controllers, basins, alarms and check valves.

APPLICATIONS

- # Effluent and Wastewater Removal
- Sump Drainage
- **■** Circulation
- Water Transfer

Catalog Number	НР	ORMATIO Maximum Load Amps	Volts	Phase/ Cycles	Cord Length	Mechanical Switch Type
C240110M	4/10	12.5	:15	1/60	10'	Manual
EC240110T	4/10	12.5	115	1/60	10'	Tethered
EC240120M	4/10	12.5	115	1/60	20'	Manual
EC240120T	4/10	12.5	115	1/60	20'	Tethered

Noryin is a registered trademark of General Electric Co.

In order to provide the best products possible, specifications are subject to change.

EG2 SERIES

SPECIFICATIONS

Upper Volute - Cast iron Motor Cover - Cast iron

Lower Volute Base - Fiberglass reinforced polypropylene

Impeller - Fiberglass reinforced Noryl* with threaded brass insert

Shaft Seal - Mechanical, carbon/ ceramic

Bearings - Upper sleve and lower ball bearings, oil lubricated

O-Rings - Buna-N

Exterior Hardware - Stainless steel Motor - 4/10 HP, 1550 RPM, 115 Volt, 60 Hz. Class B insulation. Oil-filled shaded pole containing built-in thermal overload protection with automatic reset.

Power Cord - 10' or 20' water resistant 16-3 gauge, type SJTW-A/ SITW with integrally grounded 3-prong plug.

Maximum Liquid Temperature Limits - 130'F (55'C)

FEATURES

Construction - Heavy-duty cast iron motor housing and upper volute. Corrosion-resistant composite base ideal for effluent applications.

Bearings and Mechanical Seal -Permanently lubricated for long life.

Cord Seal - Prevents ail loss from and protection for motor if cord is damaged.

Overload Protection - Built-in thermal overload with automatic reset.

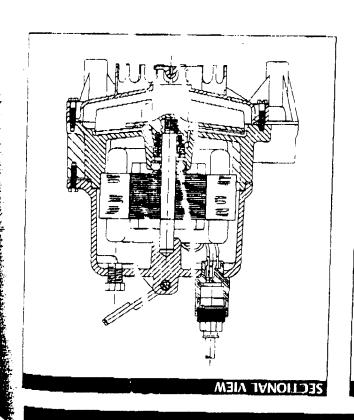
Power Cord - Field replaceable. Intake - Built-in suction screen.

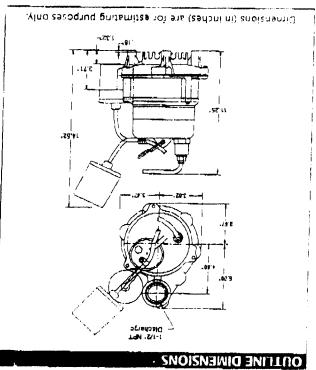
impelier - Pump out vanes for seal protection.

Solids Handling - 1/2" spherical capability.

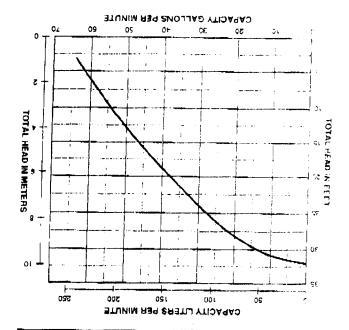


cast iron submersible effluent pumps





PUMP PERFORMANCE



HEIM PLUMBING INC

BRAD HEIM MP 7044

Telephone 920-565-3958 Fax 920-565-4346

W3897 COUNTY LINE ROAD CLEVELAND WI 53015

4-9-07

JAMES KUNST N7404 CTY RD CJ PLYMOUTH WI 53073

RE: CONTINGENCY PLAN FOR SEPTIC SYSTEM

IN THE EVENT OF SYSTEM FAILURE, PLEASE CONTACT

HEIM PLUMBING INC, BRAD HEIM

920-565-3958

MANITOWOC COUNTY PLANNERS, TIM RYAN

920-683-4186

LEDGEVIEW PRECAST

920-921-2530

IT IS ALSO RECOMMENDED THAT THE SEPTIC TANK BE ON A REGULAR PUMPING SCHEDULE



Manitowoc County Planning and Park Commission

4319 EXPO DRIVE, P.O. BOX 610

MANITOWOC, WI 54221-0610

PLANNING AND PARK	920-683-4185
CODE ADMINISTRATION	920-683-4187
FAX	920-683-4190

anitary Permit Number: <u>491336 - S-0045-</u> 07	Sanitary Permit Number:	491230 -	5-0045-07
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Permit Issue Date: 4-13-07

MAINTENANCE PROGRAM

Dear Sanitary Permit Applicant:

Owners of all new or replacement private sewage systems installed after August 16, 1983, are required to submit to the Manitowoc County Planning and Park Commission Office a certification form (to be provided by Manitowoc County Planning and Park Commission) every 3 years, signed by the owner and signed by a master plumber, a journeyman plumber or restricted plumber licensed under ch. 145, Stats., a person licensed under s. 146.20, State., (waste hauler) or by an employee of the governmental unit or state designated by the department, who has inspected the system. The form shall require certification that the system is in proper operating condition, and that after inspection, and pumping if necessary, the septic tank is less than 1/3 full of sludge and scum.

RECEIVED Wisconsin Department of Commerce Division of Safety and Buildings

SOIL EVALUATION REPORT

Page _ 1 of _ 2

2 2005 AUG

in accordance with Comm 85, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must

County Manitowoc

include, but n க்ரியில் செல்லி லெல்லி and herizontal reference point (BM), direction and percent <mark>s වர் வில்லில் செல்லில் செல்ல</mark> ின் இதில்லில் அதில் முன்னில் முன்வில் முன்னில் முன்னில் முன்னில் முன்னில் முன்னில் முன்னில் முன்னி						Parcel I	.D.				
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Property Owner RECEIVED						Property Loca				7	7
Richa	rd Zar	v1		AHC 1 1	2005	Govt, Lot N	W 1/4 SE	1/4 S 23	т 17	N R 21	E (or) X
Property	Owner's M	alling Address		AUG 11	2003	Lot # Bloc	ľ	lame or CSM	#		
	Woods:	ide Lane		PLANNING &	PARK	1 N/		osed CSM			
City		State Zi	p Code	Phone O O MINUS SI	NC	City	Village	Town	Neare	st Road	14995
Kiel		WI 5	3042	(920) 894–78	353	Schlesw	iq		Loui	s Corne	ers Rd
New Construction Use: Residential / Number of bedrooms 3 Code derived design flow rate 450 GPD											
Repla				mmercial - Describe	i:	N	/A				· · · · · · · · · · · · · · · · · · ·
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	comments mmendation			tment Septio							
and recon	THITEHIGAGO	0.40 G		t/Day & 1.00				-	[nfiltr	ative A	Area
				In-Ground Pi ion Area #1				LS;			
		System	Elevat	TOIL ALEA #1	93.00	, Alea #2	92.00	<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
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Horizon	Depth	Dominant Color	Red	ox Description	Texture	Structure	Consisten	e Boundary	Roots	 	D/ft²
	in.	Munsell	Qu. S	Sz. Cont. Color	<u> </u>	Gr. Sz. Sh				*Eff#1	*Eff#2
Ap	0-8	10YR 3/4	<u> </u>	N/A	sl	(2)fsbk	mvfr	as	(3)vf	0.6	1.0
В1	8–12	7.5YR 3/4		N/A	scl	(2)fabk	mfr	CW	(2)vf	0.4	0.6
C1	12-120	10YR 6/4		N/A	vfs	(Ø)m	mvfr		(1)vf	0.4	0.6
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Horizon	Depth in.	Dominant Color Munsell	1	Sz. Cont. Color	Texture	Gr. Sz. Sh.	4	Doundary	1,000	*Eff#1	*Eff#2
Δn	0–8	10YR 3/4		N/A	sl	(2)fsbk	mvfr	as	(3)v£	0.6	1.0
Ap	8-14	10YR 4/4		N/A	s1	(2)fabk	mvfr	CW	(2)vf	0.6	1.0
E					vfs	(Ø)m	myfr		(1)vf	0.4	0.6
C1	14–78	10YR 6/4		N/A	VIS	(8)111		CS	to 42"	- 0.4	0.0
C2	78–100	10YR 6/4	(f)1(f)	vfs	(Ø)m	mvfr	_	-	0.4	0.6
	. 5 100	10111 0/4				17	1				
				YR 5/8				1			
	1		J	ttles	F0 ==="1"	_ +=	ffluent #2 = P/	1D < 30 mg/l	227 bns	< 30 mg/l	
	* Effluent #1 = BOD _s > 30 < 220 mg/L and TSS >30 < 150 mg/L										

* Effluent #1 = BOD, > 30 <	220 mg/L and TSS >30 < 150 mg/L	* Effluent #2 = BOD _s < 30 m	ng/L and TSS < 30 mg/L
CST Name (Please Print)	Signature	1):[]	CST Number
Mark Kirchner	1) [laule >	luchun	224701
Address		Date Evaluation Conducted	Telephone Number
8298 Kettleview Drive	Kewaskum, WI 53040-9481	June 2, 2005	(262) 626-4848

8298 Kettleview Drive

SOIL EVALUATION REPORT

Page 2 of 2 Division of Safety and Buildings in accordance with Comm 85, Wis. Adm. Code County Manitowoc Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to; vertical and horizontal reference point (BM), direction and Parcel I.D. percent slope, scale or dimensions, north arrow, and location and distance to nearest road. Reviewed by Date Please print all information. Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1) (m)). Property Owner Property Location Richard Zarvl 1/4 SE 1/4 S 23 T 17 N R 21 Govt. Lot NW E (or) **W** Property Owner's Mailing Address Subd. Name or CSM# Lot # Block # 14420 Woodside Lane Proposed CSM City Zip Code Phone Number ☐ City ☐ Village ■ Town Nearest Road 14995 Kie1 WI | 53042 | (920) 894-7853 Schleswia . | Louis Corners Rd 3 New Construction _ Code derived design flow rate _ Use: Residential / Number of bedrooms **GPD** N/A Replacement Public or commercial - Describe: Parent material Lake Laid Silt & Fine Sand Flood Plain elevation if applicable ft. General comments Double Compartment Septic Tank With Effluent Filter; and recommendations: 0.40 Gal/Sq Ft/Day & 4.00 Gallons/Linear Ft/Day Infiltrative Area With At-Grade Component; System Elevation 93.00' +/-Boring Boring # 3 Ground surface elev. 91.00 ft. Depth to limiting factor 42 Pit Soil Application Rate Horizon Dominant Color Redox Description Structure Consistence Boundary Roots GPD/ft² Depth Texture Gr. Sz. Sh. *Eff#1 in. Munsell Qu. Sz. Cont. Color *Eff#2 0 - 1010YR 3/4 (2)fsbk Αp N/A s1 mvfr as (3)vf0.6 1.0 C1 10-42 10YR 6/4 N/A (Ø)m vfs 2)vf 0.6 mvfr CS C2 42-96 10YR 6/4 (f)1(d) vfs (Ø)m mvfr 0.4 0.6 7.5YR 5/8 saturated Mottles | Boring Boring # Ground surface elev. 94.00 ft. Depth to limiting factor 72 Soil Application Rate GPD/ft² Redox Description Texture Structure Consistence Boundary Roots Horizon Depth **Dominant Color** *Eff#1 *Eff#2 in. Munsell Qu. Sz. Cont. Color Gr. Sz. Sh. 0 - 1010YR 3/4 2)fsbk (3)vf0.6 αA N/A sl mvfr as 1.0 N/A (2)fsbk (2)vf 0.4 0.6 B1 10-14 7.5YR 3/4 sc1 mvfr CW C1 14 - 7210YR 6/4 N/A (Ø)m (1)vf 0.4 0.6 vfs myfr CS to 48' 10YR 6/4 (f)1(d)(Ø)m 0.4 0.6 C2 72-100 vfs mvfr 7.5YR 5/8 Mottles | * Effluent #2 = BOD, < 30 mg/L and TSS < 30 mg/L * Effluent #1 = BOD, > 30 < 220 mg/L and TSS >30 < 150 mg/L CST Number CST Name (Please Print) Signature Mark Kirchner 224701 Date Evaluation Conducted Telephone Number Address

Kewaskum, WI 53040-9481

June 2, 2005

(262)626-4848

