

Annual Cost Summary by Task

101L / 101L-STORM SWR MAINT/REPAIR	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
2018	47.0	1,157.32	2,065.62	0.00	0.00	0.00	3,222.94
2019	385.0	8,975.51	17,762.09	0.00	0.00	0.00	26,737.60
101L / 101L-STORM SWR MAINT/REPAIR Total	432.0	\$10,132.83	\$19,827.71	\$0.00	\$0.00	\$0.00	\$29,960.54

Annual Cost Summary by Task

101M / 101M-STORM SWR MAINT/REPAIR	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
2018	127.0	2,963.99	2,789.65	0.00	0.00	0.00	5,753.64
2019	572.5	13,747.03	23,685.72	0.00	0.00	0.00	37,432.75
101M / 101M-STORM SWR MAINT/REPAIR Tot:	699.5	\$16,711.02	\$26,475.37	\$0.00	\$0.00	\$0.00	\$43,186.39

Annual Cost Summary by Task

102L / 102L-BASIN CLEANING	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
2018	49.0	935.74	2,003.56	0.00	0.00	0.00	2,939.30
2019	57.5	1,141.90	1,988.70	0.00	0.00	0.00	3,130.60
102L / 102L-BASIN CLEANING Total	106.5	\$2,077.64	\$3,992.26	\$0.00	\$0.00	\$0.00	\$6,069.90

Annual Cost Summary by Task

	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
102M / 102M-BASIN CLEANING 2019	10.0	199.90	309.87	0.00	0.00	0.00	509.77
102M / 102M-BASIN CLEANING Total	10.0	\$199.90	\$309.87	\$0.00	\$0.00	\$0.00	\$509.77

Annual Cost Summary by Task

103L / 103L- SWEEPING/disposal	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
2018	132.5	3,026.19	9,290.51	0.00	0.00	0.00	12,316.70
2019	111.5	2,790.99	8,937.92	0.00	0.00	0.00	11,728.91
103L / 103L- SWEEPING/disposal Total	244.0	\$5,817.18	\$18,228.43	\$0.00	\$0.00	\$0.00	\$24,045.61

Annual Cost Summary by Task

103M / 103M-SWEEPING/disposal	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
2018	14.0	352.52	1,142.25	0.00	0.00	0.00	1,494.77
2019	127.0	3,125.04	9,456.95	0.00	0.00	0.00	12,581.99
103M / 103M-SWEEPING/disposal Total	141.0	\$3,477.56	\$10,599.20	\$0.00	\$0.00	\$0.00	\$14,076.76

Annual Cost Summary by Task

	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
222 / 222-NON ROW--STORM SWR IMP							
2018	36.5	884.98	1,418.92	0.00	0.00	0.00	2,303.90
2019	86.0	1,989.27	6,427.86	0.00	0.00	0.00	8,417.13
222 / 222-NON ROW--STORM SWR IMP Total	122.5	\$2,874.25	\$7,846.78	\$0.00	\$0.00	\$0.00	\$10,721.03

Annual Cost Summary by Task

	Labor Hours	Labor Cost	Eqp Cost	Mat Cost	Con Cost	Overhead	Total Cost
Grand Total	4,066.0	\$97,102.89	\$168,864.52	\$0.00	\$0.00	\$0.00	\$265,967.41

	C&D PISTOL RANGE			
8/3/18	CONTAMINATED SOIL	7.28	4042-000034012	\$111.31
8/3/18	CONTAMINATED SOIL	9.35	4042-000034012	\$142.96
8/7/18	CONTAMINATED SOIL	6.21	4042-000034012	\$94.95
8/8/18	CONTAMINATED SOIL	5.39	4042-000034012	\$82.41
8/8/18	CONTAMINATED SOIL	7.84	4042-000034012	\$119.87
8/21/18	CONTAMINATED SOIL	1.98	4042-000034093	\$30.27
9/5/18	CONTAMINATED SOIL	11.02	4042-000034173	\$168.50
9/6/18	CONTAMINATED SOIL	6.16	4042-000034173	\$94.19
9/7/18	CONTAMINATED SOIL	6.78	4042-000034173	\$103.67
9/24/18	CONTAMINATED SOIL	10.20	4042-000034252	\$155.96
9/25/18	CONTAMINATED SOIL	5.39	4042-000034252	\$82.41
10/8/18	CONTAMINATED SOIL	8.48	4042-000034334	\$129.66
10/9/18	CONTAMINATED SOIL	10.17	4042-000034334	\$155.50
10/9/18	CONTAMINATED SOIL	7.78	4042-000034334	\$118.96
10/11/18	CONTAMINATED SOIL	10.81	4042-000034334	\$165.28
10/11/18	CONTAMINATED SOIL	4.96	4042-000034334	\$75.84
10/12/18	CONTAMINATED SOIL	6.60	4042-000034334	\$100.91
4/9/19	CONTAMINATED SOIL	4.18	4042-000035163	\$67.30
7/29/19	CONTAMINATED SOIL	13.28	4042-000035727	\$213.81
7/30/19	CONTAMINATED SOIL	11.58	4042-000035727	\$186.44
7/31/19	CONTAMINATED SOIL	<u>12.99</u>	4042-000035727	\$209.14
		168.43		
	C&D PISTOL RANGE			
9/10/18	C&D PISTOL RANGE	0.81	4042-000034173	\$13.19
5/3/19	C&D PISTOL RANGE	4.28	4042-000035324	\$75.84
	TOTALS-C&D PISTOL RANGE	<u>5.09</u>		
	(MSW-GENERAL TRASH)			
9/10/18	MAYOR CLEANUP 9-10-18	0.81	4042-000034173	\$13.19
12/14/18	MSW	<u>0.74</u>	4042-000034637	\$40.70
		1.55		

Kerkstra

Environmental Services INC.

7240 Evanston Ave.
Muskegon, MI 49442

Invoice

Date	Invoice #
8/21/2018	15999

Bill To
Kenowa Hills Public Schools 2325 4 Road NW Grand Rapids, MI 49544

Site Address
Transportation/Bus Garage

P.O. No.	Service Date	Due Date	Terms	US EPA ID Number
	8/20/2018	9/5/2018	Net 15	MIK 366415610

Item Code	Quantity	Description	Rate	Amount
HR G	2 1,200	Truck Time - Hourly Service Gallons Pumped	130.00 0.30	260.00 360.00
		Vac Oil/Water Separator Vac All Shop Drains Manifest# 007960431FLE Sam B.		
<p>111 261 4110 261600</p> <p><i>Sam B.</i></p>				
<p>RECEIVED AUG 24 2018</p>				

Total	\$620.00
Payments/Credits	\$0.00
Balance Due	\$620.00

*Please include Invoice number with return payment. Thank you.
A Finance Charge of 1.5% per month will be added to past due amounts. Statements will only be issued to balances 90 days past due.

Phone #	Fax #	E-mail	Web Site
6168362252	2317679716	kerkstrawaste@yahoo.com	www.kerkstraservices.com



Reducing the Impact of Polluting Materials:

BMPs: If soil is disturbed, utilize Best Management Practices (BMPs) such as

- Silt fence
- Erosion control blankets
- Geosynthetic products
- Polyacrylamides
- Other BMPs that will ensure the temporary stabilization of the soil until permanent vegetation can be established.

Make sure all workers on site know the BMPs. Establish the soil as soon as possible with permanent vegetation.

Vegetated Buffer: Where possible, keep a well vegetated buffer strip between stockpiles and drainage ways. Similarly, keep other polluting materials away from storm water flow paths.

Respect 'no mow' and 'no herbicide' buffers.



4243 Remembrance Road
Walker, MI 49534
616-791-6327

<http://www.walker.city/>

In partnership with:



www.lgrow.org

STORMWATER INFORMATION FOR LANDSCAPERS & HOMEOWNERS



The City of Walker is regulated by the Department of Environmental Quality and the EPA. You are too!



When Landscaping:

- Use methods & tools that **prevent** the release of pollutants.
- If prevention is not possible, **treat** the polluting substances to reduce their impact.
- If polluting substances are released in harmful quantities, you must **report** the release to the proper authorities.

Pollution Sources:

- **Sediment:** Soil or dirt washed into waterways is a serious problem and can smother the eggs of fish and aquatic insects, phosphorus in the soil can cause excessive nutrient enrichment, and bacteria in the soil can be a public health concern.
- **Spills:** Includes oil, hydraulic fluid, gasoline, fertilizer, paint or solvents, herbicides, pesticides, or chemicals.
- **Landscape Debris:** Includes grass clippings, tree branches, mulch, top soil, and trimmings. These materials often contain nutrients and sediment that can pollute waters and inhibit drain systems.

Preventing Pollution:

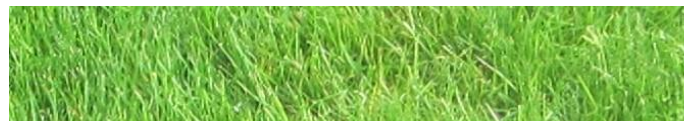
Storm drains lead to our lakes and streams, so any oil, clippings, leaves, or dirty wash water that enters a storm drain gets into our lakes and streams. Small amounts from many places can add up to a big problem!

Prevention methods and tools include:

- **Awareness:** Know which materials are potentially polluting materials and the drainage patterns leading to the waterways. Keep materials away from storm drains as much as possible.
- **Be Prepared:** Make sure someone is trained on spill cleanup. Clean up kits must be on site.
- **Proper Disposal:** Sweep up landscape debris and recycle or compost materials. At a minimum, debris should be taken to a landfill.
- **Protect from rain:** Do not allow stockpiles and materials to be washed away by rain or blown away by wind. Keep materials covered!
- **Secondary Containment:** Store all oil and fuel inside a containment area.
- **Rake it or leave it:** Never rake or blow leaves or grass clippings into roadways, ditches, or streams.

Modern Lawncare Techniques:

- Mow high (3 inches) and use mulching mowers.
- Use water sparingly.
- Sweep or vacuum clippings from paved areas.
- Use only zero phosphorus fertilizers unless a soil test demonstrates a need for phosphorus.
- Employ only licensed pesticide applicators.
- Use a sharp mower blade.
- Keep the mower deck clean.



How You as an Employee Can Help Reduce Pollution Entering the Grand River

The City of Walker is working to better manage stormwater runoff. As an employee of the City of Walker, you have the opportunity to help reduce the amount of pollution entering the storm sewer and ultimately the Grand River and Lake Michigan.

What is Stormwater Pollution?

When it rains, stormwater flows over lawns, streets, and parking lots, carrying with it road dirt, fertilizers, oil, and grease into storm drains, which are often located alongside streets and parking lots.



Where do Storm Drains Lead?

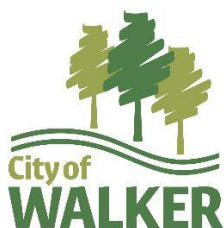
Storm drains lead directly into nearby streams and lakes, usually without any type of treatment. Stormwater entering storm drains in Walker ultimately leads to the Grand River and Lake Michigan.

How Can I Help Reduce Stormwater Pollution at Work?

- Report dumping to **Rachell Nagorsen**, the stormwater coordinator, at **791-6327** or rnagorsen@walker.city.
- Make sure that wash water and other wastes do not enter a storm drain.
- Recycle waste as much as possible.
- Remember to close the lids on dumpsters and outdoor trash cans.
- Help build awareness of stormwater pollution by sharing this information.

How Can I Help Reduce Stormwater Pollution at Home?

- Never dump grass clippings, vehicle fluids, or anything else down a storm drain.
- Dispose of pet waste in a trash can.
- Take used motor oil to a quick lube or auto shop.
- Avoid fertilizing your lawn before a rain storm.
- Wash your car at a commercial car wash or on your lawn to prevent dirt and soap from entering a storm drain.





2018 GI SEMINAR



Recent Posts

[Watershed Advisory
Committee Meeting](#)

[Policy Committee Meeting](#)

[Planning for the Future](#)

The MACC hosted a green stormwater infrastructure seminar on August 23, 2018, at of [CityFlatsHotel](#) in Holland. The theme of the seminar was *Design Standards for Water Quality*. The seminar included information about updated development standards in Allegan, Kent, Muskegon, and Ottawa Counties as well as many cities within each county. The seminar featured a poster gallery of green stormwater infrastructure projects in West Michigan.

The [program](#) included the following presentations:

[Why do we need updated design standards?](#) – Kelly Goward,
Macatawa Watershed Project Manager, Macatawa Area
Coordinating Council

[Design Standards for Water Quality: The “What”](#) – Claire Schwartz, P.E., Fishbeck, Thompson, Carr, & Huber, Inc. and Dennis Cole, P.E., Ottawa County Water Resources Office

[Design Standards for Water Quality: The “How”](#) – Claire Schwartz and Dennis Cole

[Kalamazoo River Watershed](#) – Kelly Goward (on behalf of Jamie McCarthy, Kalamazoo River Watershed Council)

[Lower Grand River Watershed](#) – Cara Decker, Stormwater Project Coordinator, Grand Valley Metropolitan Council

[Macatawa Watershed](#) – Kelly Goward

Other helpful resources:

[Kalamazoo River Watershed Council](#)

[Lower Grand River Organization of Watersheds](#)

[Holland and Zeeland Urban Tree Canopy Assessment](#)

[Macatawa Watershed Green Stormwater Vision](#)

[Stormwater Best Management Practice Operation and](#)

[Maintenance Planning Guide](#) (version with fillable forms will be made available at a later date)

[Municipal Stormwater Permits](#)

Photos from the event can be viewed on [Facebook](#).

The seminar was eligible for 2 PDH credits for Professional Engineers.

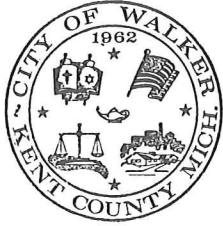
Thank you Seminar Sponsors!

Ottawa County Water

Grand Valley

Metropolitan Council

Resources Commissioner



(616) 453-6311

Jack Brown, Ludwick's Bakery
3217 3 Mile Rd
Walker, MI 49534

CITY of WALKER

4243 Remembrance Rd., N.W.
Walker, Michigan 49534

Sent via certified mail
October 19, 2018

RE: 3217 3 Mile Rd, Ludwick's Bakery Illicit Connection to Storm Sewer Notice of Violation and Order to Abate

Mr. Jack Brown:

You are receiving this notice because you are the record owner and/or occupant of the property located at 3217 Ludwick's Bakery in the City of Walker ("City"). Following an investigation, it has been determined that the property is in violation of Section 67-21, (copy enclosed) of the City Code, which prohibits any non-stormwater discharge into the City storm sewer system.

You are hereby ordered to abate the violation by ceasing all non-stormwater discharges to the City's Municipal Separate Storm Sewer System within (7) days of the date of this letter.

If you fail to bring the property into compliance with this notice, the City may issue you a municipal civil infraction citation or the City will bring the Property into compliance at the owners' expense. Upon the issuance of a citation, the matter is transferred to the 59th District Court. If you are found responsible for the violation, the City may ask the Court to impose a fine, in addition to the costs of prosecution (up to \$500). Further, the City may seek a court order requiring you to bring the property into compliance with the Ordinance and authorizing a lien on the property for any costs incurred by the City in bringing the property into compliance should you fail to do so. The City may, under Chapter 50 of the City Code, also impose a special assessment against the property for such costs. Each day that the violation continues constitutes a separate offense that may be subject to additional sanctions. Thus, your prompt attention to this matter is required.

The nature of this violation will require significant improvements to the property. To bring the site into temporary compliance with this letter, please provide a procedure to cease non-stormwater discharges to the storm sewer system until a more permanent solution can be achieved. A brief description of the violation is included with this notice.

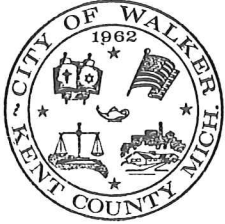
If this code has been incorrectly interpreted, does not fully apply, or if there are any questions, please contact Rachell Nagorsen at (616)791-6327. Your cooperation is appreciated.

Sincerely,

Rachell Nagorsen

Engineering Programs Coordinator

Cc. Scott Conners, P.E., City Engineer
Chuck Schroeder, P.E., Asst. Environmental Services Department Manager, City of Grand Rapids



(616) 453-6311

CITY of WALKER

4243 Remembrance Rd., N.W.

Walker, Michigan 49534

October 19, 2018

Jack Brown, Ludwick's Bakery
3217 3 Mile Rd
Walker, MI 49534

RE: 3217 3 Mile Rd, Ludwick's Bakery Illicit Connection to Storm Sewer Notice of Violation and Order to Abate

Mr. Jack Brown:

On Tuesday, October 16, 2018 during routine inspections a non-stormwater discharge to the City's storm sewer system was discovered. This was traced back to Ludwick's Bakery at 3217 3 Mile Road and a floor drain where baking equipment was being washed. Per Chapter 67 of the Walker City Code, no person shall discharge to a water body, directly or indirectly, any substance other than stormwater or an exempted discharge. Failure to comply can result in misdemeanor charges and/or fines, as described in the order to abate.

Please describe procedures that will be put in place to cease all non-stormwater discharges into the interior floor drain while a more permanent solution is established. This will bring the property into temporary compliance. Additional violations will be pursued if non-stormwater discharges continue and/or a permanent solution is not established within a timely manner.

Thank you.

Rachell Nagorsen

Engineering Programs Coordinator

Cc. Scott Conners, P.E., City Engineer
Chuck Schroeder, P.E., Asst. Environmental Services Department Manager, City of Grand Rapids

Sec. 67-21. - Prohibited discharges and connections.

- (1) *[Prohibited discharges.]* No person shall discharge to a water body, directly or indirectly, any substance other than stormwater or an exempted discharge. Any person discharging stormwater shall effectively prevent pollutants from being discharged with the stormwater, except in accordance with best management practices (BMPs).
- (2) *[Pollution prevention measures.]* The city is authorized to require dischargers to implement pollution prevention measures, utilizing BMPs, necessary to prevent or reduce the discharge of pollutants into the MS4.
- (3) *[Pollutants prohibited.]* No person shall discharge or cause to be discharged into the city storm drain system or watercourses any materials, including, but not limited to, pollutants or waters containing any pollutants that cause or contribute to a violation of applicable water quality standards other than stormwater. The commencement, conduct or continuance of any illegal discharge to the storm drain system is prohibited except for discharges authorized by the city engineer as being necessary to protect public health and safety.
- (4) *Prohibition of illicit connections.*
 - (a) The construction, use, maintenance, or continued existence of illicit connections to the MS4 is prohibited.
 - (b) This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.
 - (c) A person is considered to be in violation of this chapter if the person connects a line conveying wastewater to the MS4, or allows such a connection to continue.
- (5) *[Exceptions.]* The prohibitions of this section shall not apply to any nonstormwater discharge permitted under an NPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of the federal Environmental Protection Agency, provided that the discharger is in full compliance with all requirements of the permit, waiver, or order and other applicable laws and regulations, and provided that written approval has been granted for any discharge to the MS4.

(Ord. No. 03-500, § 1, 4-28-03)

Sec. 67-22. - Exempted discharges.

The following nonstormwater discharges shall be permissible, provided that they do not result in a violation of State of Michigan water quality standards:

- (1) Water supply line flushing;
- (2) Landscape irrigation;
- (3) Diverted stream flows;
- (4) Rising groundwater;
- (5) Uncontaminated groundwater infiltration to storm drains;
- (6) Uncontaminated pumped groundwater;
- (7) Discharges from potable water sources;
- (8) Foundation drains;
- (9) Air conditioning condensate;
- (10) Individual residential car washing;

- (11) Dechlorinated swimming pool water;
- (12) Street wash water;
- (13) Discharges or flows from emergency fire fighting activities;
- (14) Discharges for which a specific federal or state permit has been issued.

(Ord. No. 03-500, § 1, 4-28-03)

ARTICLE VI. - ENFORCEMENT

Sec. 67-30. - Sanctions for violation.

- (1) (a) Any person violating any provision of this chapter shall be responsible for a municipal civil infraction and subject to a fine of not less than \$500.00 for a first offense, and not less than \$5,000.00 for a subsequent offense, plus costs, damages, expenses, and other sanctions as authorized under chapter 87 of the Revised Judicature Act of 1961 and other applicable laws, including, without limitation, equitable relief; provided, however, that the violation stated in subsection (2) shall be a misdemeanor. Each day such violation occurs or continues shall be deemed a separate offense and shall make the violator liable for the imposition of a fine for each day. The rights and remedies provided for in this section are cumulative and in addition to any other remedies provided by law. An admission or determination of responsibility shall not exempt the offender from compliance with the requirements of this chapter.
- (b) For purposes of this section, "subsequent offense" means a violation of the provisions of this chapter committed by the same person within 12 months of a previous violation of the same provision of this chapter for which said person admitted responsibility or was adjudicated to be responsible.
- (c) The city engineer authorized to issue municipal civil infraction citations to any person alleged to be violating any provision of this chapter.
- (2) Any person who neglects or fails to comply with a stop work order issued under section 67-31 shall, upon conviction, be guilty of a misdemeanor, punishable by a fine of not more than \$500.00 or imprisonment in the county jail for not more than 93 days, or both such fine and imprisonment, and such person shall also pay such costs as may be imposed in the discretion of the court.
- (3) Any person who aids or abets a person in a violation of this chapter shall be subject to the sanctions provided in this section.

(Ord. No. 03-500, § 1, 4-28-03)

Sec. 67-31. - Stop work order.

Where there is work in progress that causes or constitutes in whole or in part, a violation of any provision of this chapter, the city engineer is authorized to issue a stop work order so as to prevent further or continuing violations or adverse effects. All persons to whom the stop work order is directed, or who are involved in any way with the work or matter described in the stop work order shall fully and promptly comply therewith. The city may also undertake or cause to be undertaken, any necessary or advisable protective measures so as to prevent violations of this chapter or to avoid or reduce the effects of noncompliance herewith. The cost of any such protective measures shall be the responsibility of the owner of the property upon which the work is being done and the responsibility of any person carrying out or participating in the work, and such cost shall be a lien upon the property.

(Ord. No. 03-500, § 1, 4-28-03)

Sec. 67-32. - Failure to comply; completion.

In addition to any other remedies, should any owner fail to comply with the provisions of this chapter, the city may, after the giving of reasonable notice and opportunity for compliance, have the necessary work done, and the owner shall be obligated to promptly reimburse the city for all costs of such work.

(Ord. No. 03-500, § 1, 4-28-03)

Sec. 67-33. - Emergency measures.

When emergency measures are necessary to moderate a nuisance, to protect public safety, health and welfare, and/or to prevent loss of life, injury or damage to property, the city is authorized to carry out or arrange for all such emergency measures. Property owners shall be responsible for the cost of such measures made necessary as a result of a violation of this chapter, and shall promptly reimburse the city for all of such costs.

(Ord. No. 03-500, § 1, 4-28-03)

Sec. 67-34. - Cost recovery for damage to storm drain system.

A discharger shall be liable for all costs incurred by the city as the result of causing a discharge that produces a deposit or obstruction, or causes damage to, or impairs a storm drain, or violates any of the provisions of this chapter. Costs include, but are not limited to, those penalties levied by the EPA or MDEQ for violation of an NPDES permit, attorney fees, and other costs and expenses.

(Ord. No. 03-500, § 1, 4-28-03)

Sec. 67-35. - Collection of costs; lien.

Costs incurred by the city or the drain commissioner, or both, pursuant to sections 67-31, 67-32, 67-33, 67-34, and 67-37 shall be a lien on the premises which shall be enforceable in accordance with Act No. 94 of the Public Acts of 1933, as amended from time to time. Any such charges which are delinquent for six months or more may be certified annually to the city treasurer who shall enter the lien on the next tax roll against the premises and the costs shall be collected and the lien shall be enforced in the same manner as provided for in the collection of taxes assessed upon the roll and the enforcement of a lien for taxes. In addition to any other lawful enforcement methods, the city or the drain commissioner shall have all remedies authorized by Act No. 94 of the Public Acts of 1933, as amended.

(Ord. No. 03-500, § 1, 4-28-03)

Sec. 67-36. - Appeals.

- (1) Any person to whom any provision of this chapter has been applied may appeal in writing, not later than 30 days after the action or decision being appealed from, to the city planning commission. Such appeal shall identify the matter being appealed and the basis for the appeal. The planning commission shall consider the appeal at a public hearing and shall affirm, reject, or modify the action or decision being appealed based on the standards of this section. The planning commission may impose reasonable conditions on an affirmative decision in an appeal. The planning commission shall make its decision in writing and shall furnish a copy of the decision to the person making the appeal. In considering an appeal, the planning commission may consider the recommendations of the city manager, the city engineer, the comments of other persons having knowledge of the matters, and interested members of the public. The planning commission may grant a variance from the terms of this chapter so as to provide relief, in whole or in part, from the action or decision being appealed, but only upon finding that the applicant for the appeal has satisfied the following requirements:
 - (a) The application of the provisions of this chapter being appealed will present or cause practical difficulties for a development or development site; provided, however, that practical difficulties shall not include the need for the developer to incur additional reasonable expenses in order to comply with the chapter; and
 - (b) The granting of the relief requested will not substantially prevent the goals and purposes sought to be accomplished by this chapter, nor result in less effective management of stormwater runoff.
- (2) When an appeal is made under this section, notice of the public hearing before the planning commission shall be given in the same manner as notice pursuant to subsection 94-61(4) of the City Code.
- (3) A person making an appeal pursuant to this section shall pay a fee for the appeal as established by resolution of the city commission.

(Ord. No. 03-500, § 1, 4-28-03; Ord. No. 05-537, § 1, 10-24-05)

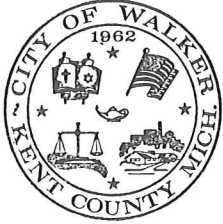
Sec. 67-37. - Suspension of MS4 access.

- (1) The city engineer may, without prior notice, suspend a person's discharge access to the MS4 when such suspension is necessary to stop an actual or threatened discharge that presents or may present imminent and substantial danger to the environment, or to the health or welfare of persons, or to the MS4. If the person fails to comply with a suspension order issued in an emergency, the city may take such steps as deemed necessary to prevent or minimize damage to the MS4 or the environment, or to minimize danger to persons. A person failing to comply with a suspension order pursuant to this section shall be liable for all costs incurred by the city as the result of such failure to comply.
- (2) Any person discharging to the MS4 in violation of this chapter may have their MS4 access terminated if such termination would abate or reduce an illicit discharge. The city engineer will notify a violator of the proposed termination of its MS4 access. A person violates this chapter if the person reinstates MS4 access to premises terminated pursuant to this section, without the prior approval of the city engineer.

(Ord. No. 03-500, § 1, 4-28-03) Sec. 67-38. - Public nuisance.

The violation of any provision of this chapter shall be deemed a public nuisance subject to abatement by the equitable power of any court of competent jurisdiction.

(Ord. No. 03-500, § 1, 4-28-03)



(616) 453-6311

CITY of WALKER

4243 Remembrance Rd., N.W.

Walker, Michigan 49534

October 30, 2018

Jack Brown, Ludwick's Bakery
3217 3 Mile Rd
Walker, MI 49534

RE: SITE IN TEMPORARY COMPLIANCE-3217 3 Mile Rd, Ludwick's Bakery Illicit Connection to Storm Sewer Notice of Violation and Order to Abate

Mr. Jack Brown:

The City received a letter dated October 30, 2018 in response to the Notice of Violation and Order to Abate as referenced above noting that all illicit discharges to the indoor floor drain connected to the City's Municipal Separate Storm Sewer have ceased. Furthermore, you have been in contact with the City's Community Development Department regarding a building addition for future equipment washing purposes.

These actions bring Ludwick's Bakery at 3217 3 Mile Road into temporary compliance with Chapter 67 of the Walker City Code. Additional violations will be pursued if any non-stormwater discharges from this property are observed or reported and/or if a permanent solution is not established within a timely manner.

Thank you.

Rachell Nagorsen
Engineering Programs Coordinator

Cc. Scott Conners, P.E., City Engineer
Chuck Schroeder, P.E., Asst. Environmental Services Department Manager, City of Grand Rapids

Oct. 30, 2018

RECEIVED
OCT 30 2018

BY:

To whomever..

Pursuant to your letter, Ludwicks Bakery has abandoned all cleanup and washdown in our truck well. This was the only area we violated the statute concerning the usage of the storm sewer system. — We have moved all operations into our production areas which are compliant with the rules concerning sanitary drainage — In addition we are in the process of constructing a washdown room to handle all future cleaning of the production equipment.

Thanks for your helpful suggestions

JACK BROWN
PROPERTY OWNER

August 21, 2018

Ms. Rachell Nagorsen, Engineering Programs Coordinator
CITY OF WALKER
4243 Remembrance Road NW
Walker MI 49534

RE: Notice of Violation and Order to Abate Letter dated 8/9/2018

Dear Ms. Nagorsen,

This letter is in response to the certified letter regarding a storm water violation at the address of 2925 Walkent Ct in Walker, MI. We have done some investigating and have been unable to identify the source of the PH levels, surfactants or ammonia.

In the years prior to 2009, we had some problems with the parking lot asphalt cracking and always being "wet" looking. Superior Asphalt suggested we install a corrugated sock tile under the asphalt and into the catch basin on the east end of the grass peninsula to help drain any ground water under the parking lot. Approximately 100 LF was installed in June/July of 2009 (see attached paper work). We have not had the asphalt problem since it was installed.

After receiving the violation we contacted Godwin Plumbing to identify the approximate location of the corrugated pipe and also to locate any potential piping attached to it. During the initial visit on August 15, 2018, Godwin Plumbing tried to push a camera up the line but was only able to get approximately 15'-20' before the camera stopped due to the pipe being clogged. At that point they contacted All Flo Plumbing to water jet the pipe to clean it out and then push a camera up the pipe to locate and video it. This took place on August 16, 2018. After jetting the corrugated they were able to push the camera to the end of the pipe, in doing so they found that there did not appear to be any pipes connected to the corrugated line. I have included some pictures of the pipe location and also emailed a link to the video to you of the interior of the corrugated.

Currently the building is occupied by Spectrum Health (138,372 SF) and Quality Edge (63,250 SF). Spectrum Health is located in the eastern most 70% of the building and Quality Edge is west end nearest the area of the issue. In late 2005, Spectrum Health completed construction of a hospital tool sterilization operation area. They ran this operation until November, 2014. This occupied about 26,000 SF on the west end of their suite. The remaining area was used for office and warehousing of medical supplies for the hospitals. Now the entire Spectrum Health suite is office and warehousing. Quality Edge is a warehousing operation for the construction materials, mainly aluminum products. Prior to Quality Edge the suite was occupied by Medtronic which also was only warehousing of medical products.

At the request of Rachell at the City of Walker, We have checked into whether of the mop sink in the Quality Edge suite is tied into the corrugated pipe in question. On Tuesday, August 21, 2018 we ran water into the sink for nearly 7 minutes and left it running, then the end of the corrugated line in question was inspected to see if the water was being discharged. We found the nothing changed from before the water was running to with the water running. We do not believe these are connected in any way.

Page 2
Rachell Nagorsen, City of Walker
August 21, 2018

The property site plans were also reviewed, in doing so we noticed that there is a main 8" sanitary line running from a man hole in the common driveway and heads southwest through the parking lot just south of the area of the catch basin and corrugated pipe. Is it possible that this main is leaking and discharging water into the ground causing the ground to be saturated? This might be something to look into.

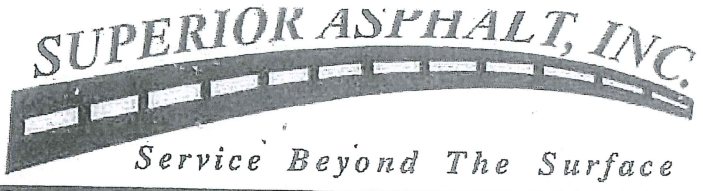
Please review the provided information and attachments and let us know what the next steps might be or if the violation has been brought into compliance.

Sincerely,



Sally A. Steenwyk
Associate Broker/Property Manager

cc: Tony Antone, New West Michigan Industrial Investors
Kristi VanPortfliet, Spectrum Health



307 Century S.W.
 Grand Rapids, MI 49503
 616.451.3200
 616.451.3969 fax

#756 Proposal

Date: Jun 25, 2009

Quoted to:		Job Name & Location:	
Kojaian Attn: Mr. Eric Vander Kooi 7377 Expressway Court Suite B Grand Rapids, MI 49548		2925 Building 2925 Walkent Ct.	
Phone: (616) 281-7100 Fax: (616) 281-7907 Cell:			
Customer ID	Good Thru	Payment Terms	Sales Rep
Kojaian	10 Days	Due Upon Completion	Dan McSorley Cell: 893-5348

We hereby propose to furnish materials and labor necessary for the completion of:

Repair list for 2925:

3" remove and replace
 1 area totaling 2,469 square feet =

Skim patch
 10 areas totaling 1,240 square feet =

Dumpster Damage:
 3" remove and replace
 1 area totaling 165 square feet =

Drain tile installation (includes top rebuild of catch basin) =

Approx 100 lft 4" soc tile

1 end cap

2.5 x 66' cut for trench, 3/4 ton out

Run tile just below gravel grade until you reach
 CB will have to run to 2' below grade to enter
 thru block portion of structure

NOTE: Unless prior written arrangements have been made, terms are 50% down, balance due upon completion.
 NOTE: Superior Asphalt, Inc. is not responsible for damage to concrete caused by heavy equipment accessing job site.
 NOTE: Due to the volatility of the petroleum industry, pricing is subject to change if work is not completed within 30 days of acceptance.

All materials are guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Total: See Above Pricing

Authorized Signature: *Dan McSorley*

Acceptance of Proposal
 The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified
 Payment will be made as outlined above. Note: Pricing is subject to change if work is not completed within 30 days of acceptance. See Standard Conditions on reverse.

Signature: _____ Date: _____
 Printed Name: _____

2925 Walkent Ct

Bob Burns
940-6058

-5x8	3" mill	4x8	9x14	
*	{ 3x3	{ 5x8	* 20x32	-640
	{ 6x7.5 - 558	{ 15x16	4x11	
	{ 2x9	8x12	* 29x51	1,479 sq ft
	{ 9x9	{ 4x29	8x9	
	{ 6x7	{ 5x4	24.5x73	} 2,469 sq ft
	{ 18x18	* 9x14	20x34	

3" R/R (Power) 3 areas 4,588 sq ft
 84 ton \$8,717.20

3" R/R 10 areas 1,836 sq ft
 34 ton \$4,039.20

3" R/R Patch
 6x9 (4x8)
 8x9 (7x8)

3" mill - 11x15 damaged

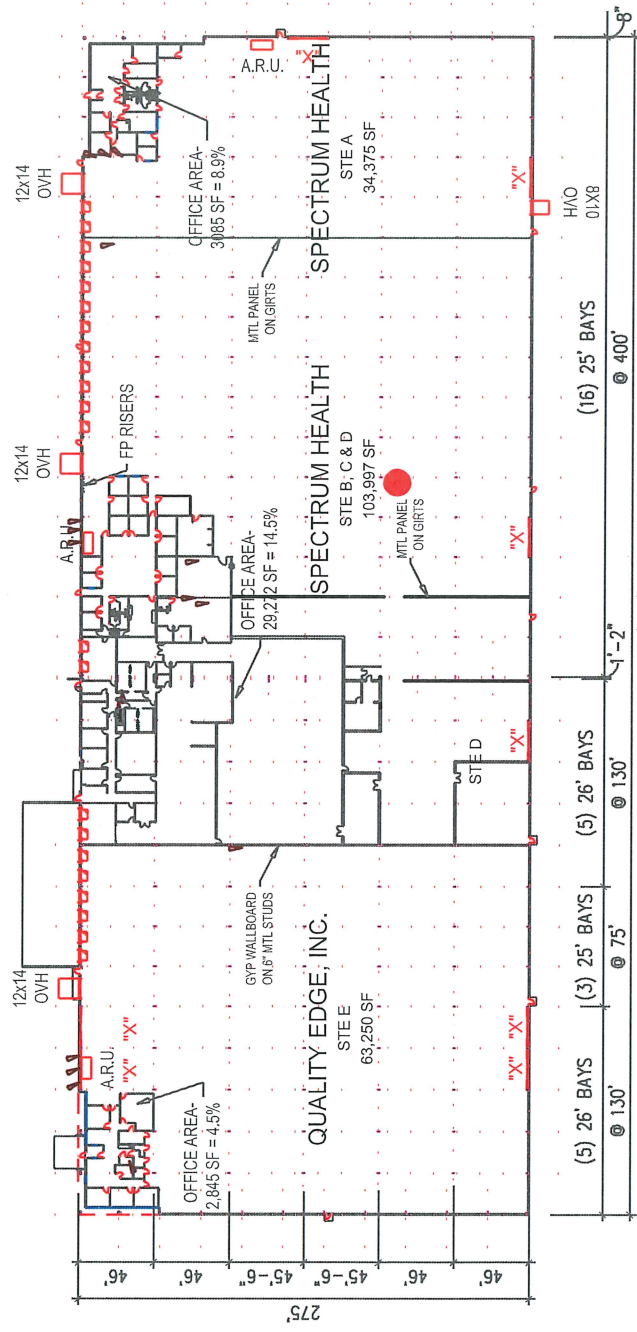
8" below tile install, 100 lf
 grade enter CB 2' below grade
 thru block
 CB repair
 2 arch reqs
 7x7 R/R
 Medtronic 2925

Floor Plan Showing tenants

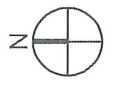
APPROX. MIN. CLEARANCE 21'-0" A.F.F. FOR STE A, B & C
 APPROX. MIN. CLEARANCE 24'-0" A.F.F. FOR STE D & E

WATTS
 AMPS
 CIRCUITS
 (FIELD VERIFY)

12x14 8x9
 OVH DOCK A.R.U. X-BRACE "X"
 LEGEND



2925 WALKENT COURT
 WALKER, MI

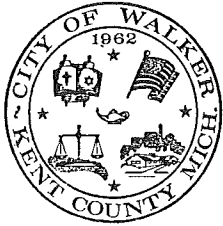


LEASE PLAN 201,622 SF

KOJAIAN MANAGEMENT CORPORATION
 (616) 281-7100
 (616) 281-7907 FAX

Management and Leasing by:

Newmark Grubb Knight Frank 05/07/15



CITY of WALKER

4243 Remembrance Rd., N.W.

Walker, Michigan 49534

(616) 453-6311

August 22, 2018

Ms. Sally Steenwyk
Newmark Knight Frank
7377 Expressway Drive, Suite B
Grand Rapids, MI 49548

RE: Property in Compliance-Notice of Violation and Order to Abate 8-9-2018

Ms. Sally Steenwyk,

The City of Walker has received a letter dated August 21, 2018 from Newmark Knight Frank regarding the property at 2925 Walkent Court and suspected illicit discharge into the City's municipal separate storm sewer system. This letter outlines actions taken to discover the source of high pH surfactants from a 6" corrugated plastic underdrain that is connected to a catch basin located in the parking lot. At this time, 2925 Walkent Ct is in **compliance** with Chapter 67 of the Walker City code.

Newmark Knight Frank completed a series of steps to discover any possible misconnections to the 6" diameter, 100' long underdrain that runs along a curb in the northwest region of the parking lot. These steps included jetting and videoing the pipe, building walk through, record searches, and submittal of findings to the City. All investigations found no obvious misconnections to the underdrain, and furthermore that a misconnection is unlikely based on building usage (storage warehouse) and surrounding land use and characteristics.

Moving forward, the City of Walker requests to continue monitoring the catch basin and consult with other entities to discover the source of the high pH surfactants. Additionally, the City will mark area basins with a "Dump No Waste, Drains to Area Waterways" stencil to remind employees where stormwater ultimately ends up and prevent dumping in case this was the source of contamination.

The City of Walker appreciates Newmark Knight Frank's effective response to the Notice of Violation, as well as the timely submittal of supporting documentation. Please contact us with any questions.

Sincerely,

Rachell Nagorsen
Engineering Programs Coordinator

Cc. Michael Kojaian, New West Michigan Industrial Investors, LLC
Spectrum Health Supply Chain Services
Scott Conners, P.E., City Engineer

Rachell Nagorsen

From: StAmour, Amanda (DEQ) <STAMOURA@michigan.gov>
Sent: Friday, August 31, 2018 9:31 AM
To: Rachell Nagorsen
Subject: RE: Walker IDEP Testing-Illicit Discharge Unknown Source

Rachell,

Thank you for your detailed investigation of this site. And nice work getting cooperation and compliance from the property owners!

Considering that no specific source was found, I agree that continued monitoring is important. This should verify that the cleanout was effective at removing any residual from an undocumented spill. The awareness generated by your correspondence and basin marking will hopefully put an end to any dumping that may have caused this.

Thank you for all your IDEP diligence.

Amanda St.Amour
Environmental Quality Analyst
616-356-0215
DEQ - Water Resources Division

From: Rachell Nagorsen <rnagorsen@walker.city>
Sent: Tuesday, August 28, 2018 10:28 AM
To: StAmour, Amanda (DEQ) <STAMOURA@michigan.gov>
Subject: Walker IDEP Testing-Illicit Discharge Unknown Source

Amanda,

As a part of our IDEP testing, we found what appeared to be an illicit connection into a catch basin in the parking lot at 2925 Walkent Ct. There was a 6" black PVC pipe connected to the basin that was discharging small amounts of high pH surfactants. We followed up with ordinance enforcement and the property owners quickly responded by submitting property/installment records, hiring a plumber to jet the underdrain and video the entire 100' length of it, as well as building activities (storage warehouse). The source of the contaminants was unable to be discovered. There is sanitary sewer in the area that is 14' underground, while the underdrain is near the surface, so it seems implausible to me that this could be a source.

I closed the open enforcement since the property owners completed due diligence. At this point, I planned to continue monitoring, mark the basin with a 'dump no waste' stencil, and continue to investigate the area. My hope is the cleanout would reduce or eliminate the discharge. Please let me know if we should be doing any other investigations, contacting any other agencies, or other follow up to remain in compliance with our MS4 permit. I attached both Walker's enforcement letter with data and the response.

Thank you for your insight.

Rachell Nagorsen
Engineering Programs Coordinator
City of Walker | 4243 Remembrance Road NW
Phone: 616-791-6327

The Engineering Department is staffed Monday-Friday from 7:00 AM to 3:30 PM

Leaf Program 18				
BAG TALLY				
Extended hours date	Bags Sold	Bag Sales		
10/24/2018	0	\$0.00		
10/27/2018	0	\$0.00		
10/31/2018	0	\$0.00		
11/3/2018	0	\$0.00		
11/7/2018	60	\$30.00		
11/10/2018	0	\$0.00		
11/14/2018	0	\$0.00		
11/17/2018	0	\$0.00		
BAGS SOLD(YARD)	60	\$30.00		
ALL RECEIPTS	TOTAL BAGS	TOTAL COUNT		
10/1/18 THRU 12/31/18	544	\$272.00		
INCLS SOLD IN YARD	604	\$302.00		
*Counts are for Wed. nights and Saturdays				
Date	Leaf	Brush	Bags	Total Customers
10/24/2018	12	21	0	33
10/27/2018	46	23	0	69
10/31/2018	9	2	0	11
11/3/2018	43	9	0	52
11/7/2018	69	4	60	73
11/10/2018	0	0	0	0
11/14/2018	39	32	0	71
11/17/2018	68	3	0	71
	286	94	60	380
BROUWER TREE	\$1,400.00	APPROX.		
RUSCHE TRKG	QTY (LOADS)	RATE	AMT	
INVOICE #86931	3	\$425.00	\$1,275.00	
INVOICE #86931	5	\$425.00	\$2,125.00	
INVOICE #86959	4	\$425.00	\$1,700.00	
TOTALS	12		\$3,825.00	
10/24/18 THRU 11/17/18				
DPW LABOR	\$1,201.41			
DPW EQUIPMENT	\$951.03			
	\$2,152.44			
RUSCHE/BROUWER	\$5,225.00			
LABOR/EQUIPMENT:	\$2,152.44			
TOTAL	\$7,377.44			
SALE OF BAGS	\$302.00			
COST OF PROGRAM	\$7,075.44			
W/O LABOR/EQ	\$4,923.00			