



## **AGENDA**

### **St. Clair County Board of Commissioners Environmental/Public Works Committee**

**Board of Commissioners' Room  
County Administrative Office Building, 2nd Floor  
200 Grand River Avenue  
Port Huron, MI 48060**

**August 5, 2021 at 6:00 PM**

- 
- 1. Roll Call/Opening**
  - 2. Additions/Deletions/Changes to the Agenda**
  - 3. Citizens to be Heard**
  - 4. Updates**
  - 5. Conceptual Initiatives**
  - 6. Old Business**
  - 7. New Business**
    - A. Agreement with Friends of the St. Clair River – Gypsy Moth Suppression Program - FINAL ACTION
  - 8. Smiths Creek Landfill Activities Reports**
    - A. Smiths Creek Landfill Activities Reports
  - 9. Other Environmental/Public Works Matters**
  - 10. Information Only**
    - A. Floodplain Management Assessment
  - 11. Receive and File Packets**
  - 12. Adjournment**

**Committee Chair:** Duke Dunn

**Note:** The County complies with the "Americans with Disabilities Act" and if auxiliary aids or services are required at the meeting for individuals with disabilities, please contact Administrator/Controller's Office, Suite 203, 200 Grand River Avenue, Port Huron, MI 48060, (810) 989-6900 three days prior to said meeting.

Agreement with Friends of the St. Clair River – Gypsy Moth Suppression Program - FINAL ACTION

Summary:

## Smiths Creek Landfill Activities Reports

Summary:

### ATTACHMENTS:

|                          | <b>Description</b>         | <b>Upload Date</b> | <b>Type</b> |
|--------------------------|----------------------------|--------------------|-------------|
| <input type="checkbox"/> | Data Comparisons 2018-2021 | 7/22/2021          | Exhibit     |
| <input type="checkbox"/> | Landfill Gas to Energy     | 7/22/2021          | Exhibit     |
| <input type="checkbox"/> | June Volume                | 7/22/2021          | Exhibit     |

COUNTY OF ST CLAIR  
SMITHS CREEK LANDFILL  
COMPARISON  
2018- 2021

| <b>Year<br/>Month</b> | <b>2018<br/>Tons</b> | <b>2019<br/>Tons</b> | <b>2020<br/>Tons</b> | <b>2021<br/>Tons</b> | <b>2021<br/>Income</b> | <b>2021<br/>Expense*</b> | <b>2021<br/>Net</b> |
|-----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|--------------------------|---------------------|
| <b>January</b>        | 40,066               | 16,090               | 22,917               | 19,901               | \$ 781,506             | \$ 214,720               | \$ 566,786          |
| <b>February</b>       | 22,883               | 16,010               | 20,284               | 19,118               | \$ 805,969             | \$ 270,740               | \$ 535,230          |
| <b>March</b>          | 25,290               | 20,319               | 21,928               | 34,858               | \$ 810,131             | \$ 350,643 *             | \$ 459,489          |
| <b>April</b>          | 24,161               | 26,568               | 17,404               | 39,622               | \$ 636,233             | \$ 1,143,664 **          | \$ (507,431)        |
| <b>May</b>            | 28,333               | 32,958               | 22,192               | 31,164               | \$ 770,866             | \$ 515,653               | \$ 255,213          |
| <b>June</b>           | 32,221               | 26,425               | 26,795               | 31,515               | \$ 857,324             | \$ 404,678               | \$ 452,646          |
| <b>July</b>           | 32,573               | 29,270               | 26,303               |                      |                        |                          | \$ -                |
| <b>August</b>         | 30,375               | 25,832               | 24,824               |                      |                        |                          | \$ -                |
| <b>September</b>      | 26,790               | 25,734               | 29,798               |                      |                        |                          | \$ -                |
| <b>October</b>        | 23,903               | 27,927               | 54,751               |                      |                        |                          | \$ -                |
| <b>November</b>       | 19,836               | 24,899               | 44,857               |                      |                        |                          | \$ -                |
| <b>December</b>       | 18,692               | 21,665               | 45,554               |                      |                        |                          | \$ -                |
| <b>Total</b>          | <b>325,123</b>       | <b>293,698</b>       | <b>357,607</b>       | <b>176,179</b>       | <b>\$ 4,662,030</b>    | <b>\$ 2,900,098</b>      | <b>\$ 1,761,932</b> |

Landfill Expenses detailed in the Income and Expense Report (ONESolution).

\* SRF Bond Interest \$106,616

\*\* Appropriation Transfer Out \$900,000 Road Commission

COUNTY OF ST CLAIR  
SMITHS CREEK LANDFILL  
GAS TO ENERGY

| <b>2021</b>      | <b>Plant Efficiency</b> | <b>Electric Power Sale Royalty</b> | <b>Section 45 Tax Credit Royalty</b> | <b>Additional Gas Rights</b> | <b>Total Revenue</b> |
|------------------|-------------------------|------------------------------------|--------------------------------------|------------------------------|----------------------|
| <b>January</b>   | 97.7%                   | \$ 56,704                          | \$ 11,111                            | \$ 4,024                     | \$ 71,840            |
| <b>February</b>  | 89.9%                   | \$ 47,386                          | \$ 9,177                             | \$ 4,024                     | \$ 60,587            |
| <b>March</b>     | 91.3%                   | \$ 51,939                          | \$ 10,181                            | \$ 4,024                     | \$ 66,145            |
| <b>April</b>     | 93.7%                   | \$ 52,133                          | \$ 10,201                            | \$ 4,024                     | \$ 66,359            |
| <b>May</b>       | 98.3%                   | \$ 54,417                          | \$ 10,667                            | \$ 4,024                     | \$ 69,109            |
| <b>June</b>      | 94.9%                   |                                    |                                      |                              |                      |
| <b>July</b>      |                         |                                    |                                      |                              |                      |
| <b>August</b>    |                         |                                    |                                      |                              |                      |
| <b>September</b> |                         |                                    |                                      |                              |                      |
| <b>October</b>   |                         |                                    |                                      |                              |                      |
| <b>November</b>  |                         |                                    |                                      |                              |                      |
| <b>December</b>  |                         |                                    |                                      |                              |                      |
| <b>Total</b>     | <b>94.3%</b>            | <b>\$ 262,579</b>                  | <b>\$ 51,337</b>                     | <b>\$ 20,120</b>             | <b>\$ 334,040</b>    |

COUNTY OF ST CLAIR  
SMITHS CREEK LANDFILL  
VOLUME REPORT  
JUNE 2021

| <b>CUSTOMER</b>                 | <b>DEMO<br/>(TONS)</b> | <b>MUNICIPAL<br/>SOLID WASTE<br/>(TONS)</b> | <b>SPECIAL<br/>WASTE<br/>(TONS)</b> | <b>TOTAL<br/>TONS</b> | <b>TOTAL<br/>YARDS</b> |
|---------------------------------|------------------------|---|-------------------------------------|-----------------------|------------------------|
| BASIC TRANSPORTATION GROUP, LLC | 542                    | 6,301                                       | 0                                   | 6,842                 | 22,440                 |
| CASH CUSTOMERS                  | 1,221                  | 307   | 17                                  | 1,545                 | 3,686                  |
| CURRAN RECYCLING LTD.           | 0                      | 5,096                                       | 0                                   | 5,096                 | 15,240                 |
| DUNN PAPER                      | 0                      | 278   | 343                                 | 621                   | 2,488                  |
| EMTERRA ENVIRONMENTAL USA       | 90                     | 3,058                                       | 48                                  | 3,196                 | 9,116                  |
| JEFF'S RUBBISH DISPOSAL         | 87                     | 1,252                                       | 0                                   | 1,339                 | 4,025                  |
| MARCOTTE DISPOSAL               | 4                      | 1,746                                       | 0                                   | 1,750                 | 5,665                  |
| MPC ENVIRONMENTAL               | 0                      | 0   | 1,172                               | 1,172                 | 1,140                  |
| NON ACCOUNT CUSTOMERS           | 523                    | 905   | 375                                 | 1,804                 | 8,255                  |
| SOUTH BARRIE TRANSFER LTD       | 0                      | 2,103                                       | 0                                   | 2,103                 | 6,480                  |
| WASTE MANAGEMENT                | 192                    | 2,174                                       | 35                                  | 2,402                 | 9,810                  |
| OTHER CUSTOMERS                 | <u>583</u>             | <u>1,642</u>                                | <u>482</u>                          | <u>2,707</u>          | <u>15,400</u>          |
|                                 | <b>3,243</b>           | <b>24,862</b>                               | <b>2,473</b>                        | <b>30,578</b>         | <b>103,745</b>         |

| <b>SEPTAGE CUSTOMERS</b>  | <b>TOTAL<br/>GALLONS</b> | <b>TOTAL<br/>YARDS</b> | <b>TOTAL<br/>TONS</b> |
|---------------------------|--------------------------|------------------------|-----------------------|
| CARLS SEPTIC              | 46,016                   | 228                    | 188                   |
| LEES SEPTIC SERVICE LLC   | 29,157                   | 144                    | 119                   |
| R&P HODGES SEPTIC SERVICE | 55,441                   | 274                    | 226                   |
| RATTEE SEPTIC             | 80,355                   | 398                    | 328                   |
| SCOTTY'S POTTY'S          | <u>18,740</u>            | <u>93</u>              | <u>76</u>             |
|                           | <b>229,710</b>           | <b>1,137</b>           | <b>938</b>            |

**TOTAL TONS            31,515**  
**TOTAL YARDS        104,882**

## Floodplain Management Assessment

Summary:

### ATTACHMENTS:

|   | <b>Description</b>                    | <b>Upload Date</b> | <b>Type</b> |
|---|---------------------------------------|--------------------|-------------|
| 📎 | Floodplain Management Assessment Memo | 7/12/2021          | Cover Memo  |
| 📎 | SCC HSEM Request to ACOE for SC River | 7/12/2021          | Cover Memo  |





# COUNTY OF ST. CLAIR

OFFICE OF HOMELAND SECURITY/EMERGENCY MANAGEMENT



JUSTIN WESTMILLER  
Director

---

## MEMO

**To:** SCC Board of Commissioners  
**From:** Justin Westmiller, SCC HSEM  
**Date:** July 12, 2021  
**Re:** Floodplain Management Assessment

---

In the past 30 years, our County has had significant waterfront flooding and ice jamming impacts that has cost residents, visitors, businesses and locals an enormous sum. In the past three years we have had many residents flooded and damaged due to the impacts of the St. Clair River.

The Army Corps of Engineers Floodplain Management Group is looking to compete a study of the St. Clair River at no cost to the County. This will be **100% Federal funded** and they requested St. Clair County be the non-Federal sponsor to ensure local partnership. The United States Coast Guard is also joining as a Federal supporter as well. HSEM will join with Metro Planning in this endeavor as we are currently partnering on the County Hazard Mitigation Plan and the info coming out of this will make our plan better and potential open the area to ACOE projects to protect our resources.



**COUNTY OF ST. CLAIR**



July 12, 2021

Mr. Nicholas J Zager  
Chief, Planning Division  
U.S. Army Corps of Engineers  
Detroit District  
477 Michigan Ave, 7th Floor  
Detroit Michigan, 48226

Dear Mr. Zager,

This is in reference to the Army Corps of Engineers Floodplain Management Services Program. We understand that the provisions of Section 206 of the Flood Control Act of 1960 (Public Law 86-645), as amended, provides authority for the Corps to provide a full range of flood risk information, technical services, and planning guidance to support and promote effective flood risk and floodplain management to local governments. St. Clair County, MI requests planning and technical assistance for the review of ice flow and waterway needs to mitigate ice and flooding damage in the vicinity of the St. Clair River from Lake Huron to the entrance to Lake St. Clair. In 1987-88, 1995, 2013 and 2021 the river has had major ice jamming causing millions of dollars in loss and NFIP impacts to residents and businesses along the river corridor. SCC is also currently drafting a new Hazard Mitigation Plan for the next 5 years and this data will be very useful for many years to come.

We would like to discuss the availability of information, required schedule, and level of effort required in order to develop a proposal for a Section 206 study. Please contact Justin Westmiller, Director of SCC HSEM to arrange a further discussion of this inquiry. He can be reached at (810)689-8022 anytime or via email at [jwestmiller@stclaircounty.org](mailto:jwestmiller@stclaircounty.org)

Justin L. Westmiller, Director  
SCC HSEM