



# COUNTY OF ERIE

**MARK C. POLONCARZ**

COUNTY EXECUTIVE

November 11, 2016

Erie County Legislature  
92 Franklin Street – Fourth Floor  
Buffalo, NY 14202

**RE: Erie County Sewer District No. 3  
Authorization to Accept Ferrous Chloride from  
Frontier Hot Dip Galvanizing, Inc.**

Dear Honorable Members:

Enclosed please find a memorandum from the Department of Environment and Planning for authorization to accept ferrous chloride from a local industry for use at the Southtowns Advanced Wastewater Treatment Facility.

Should your Honorable Body require further information, I encourage you to contact Joseph L. Fiegl, P.E. in the Division of Sewerage Management. Thank you for your consideration of this matter.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Mark C. Poloncarz", is written over a horizontal line.

Mark C. Poloncarz, Esq.  
Erie County Executive

MCP/DCM:cs  
Enclosure

C: J. Fiegl – Environment and Planning

Comm. 22E-8

## **MEMORANDUM**

**To:** Honorable Members of the Erie County Legislature  
**From:** Department of Environment and Planning  
**Re:** Erie County Sewer District No. 3  
Authorization to Accept Ferrous Chloride from  
Frontier Hot Dip Galvanizing, Inc.  
**Date:** November 10, 2016

---

### **SUMMARY**

Authorization to accept ferrous chloride at the Southtowns Advanced Wastewater Treatment Facility (AWTF) in Erie County Sewer District (ECSD) No. 3 from Frontier Hot Dip Galvanizing, Inc. (Frontier) at no cost to the County is requested.

### **FISCAL IMPLICATIONS**

There will be no fiscal impact to the County's General Fund. Ferrous chloride would be provided to the Southtowns AWTF, free of charge, which would have a positive impact on the ECSD No. 3 budget.

### **REASONS FOR RECOMMENDATION**

Legislative authorization will allow ECSD No. 3 to accept ferrous chloride at the Southtowns AWTF, free of charge, should the quality of ferrous chloride be deemed acceptable by Division of Sewerage Management staff. Receipt of ferrous chloride from Frontier would allow ECSD No. 3 to save costs associated with the procurement of this chemical.

### **BACKGROUND INFORMATION**

Frontier Hot Dip Galvanizing, Inc. is a local company that generates ferrous chloride as a waste byproduct of its manufacturing process. Frontier's current practice is to ship waste ferrous chloride to an out-of-state facility. Frontier approached staff at the Southtowns AWTF inquiring if they could ship the ferrous chloride to Southtowns AWTF to save on their transportation costs. Ferrous chloride is valuable for the treatment of wastewater at the Southtowns AWTF as it is used for, amongst other purposes, the removal of phosphorus from the wastewater.

Presently, ECSD No. 3 pays for this chemical as a standard operational cost.

### **CONSEQUENCES OF NEGATIVE ACTION**

ECSD No. 3 will not be able to realize the potential cost savings.

### **STEPS TO FOLLOW APPROVAL**

The County will test the ferrous chloride from Frontier. Contingent upon acceptable laboratory results, arrangements will be made to receive ferrous chloride from Frontier at the Southtowns AWTF.

A RESOLUTION SUBMITTED BY:  
DEPARTMENT OF ENVIRONMENT AND PLANNING

RE: Erie County Sewer District No. 3  
Authorization to Accept Ferrous Chloride from  
Frontier Hot Dip Galvanizing, Inc.

WHEREAS, the County of Erie owns, operates, and maintains the Southtowns Advanced Wastewater Treatment Facility (AWTF) in Erie County Sewer District (ECSD) No. 3; and

WHEREAS, the treatment process at the Southtowns AWTF currently uses ferrous chloride to, amongst other purposes, remove phosphorus; and

WHEREAS, ECSD No. 3 presently pays to receive ferrous chloride at the Southtowns AWTF for treatment of wastewater; and

WHEREAS, Frontier Hot Dip Galvanizing, Inc. produces ferrous chloride as a waste byproduct from its manufacturing process; and

WHEREAS, a mutually beneficial opportunity exists for ECSD No. 3 to accept ferrous chloride free of charge from Frontier Hot Dip Galvanizing, Inc.

NOW, THEREFORE, BE IT

RESOLVED, that Erie County Legislature hereby approves of an arrangement for ECSD No. 3 to accept ferrous chloride at the Southtowns AWTF from Frontier Hot Dip Galvanizing, Inc. free of charge, subject to laboratory testing results that are acceptable to the Division of Sewerage Management; and be it further

RESOLVED, that the Clerk of the Legislature send one (1) certified copy each to the County Executive, the Erie County Comptroller, the Erie County Director of Budget and Management, Kristen Walder, Assistant County Attorney; and two (2) certified copies of this resolution to Joseph L. Fiegl, P.E., Division of Sewerage Management.