

1010NPDES Permit No. IL0079774  
Notice No. SMT:11101701.bah

Public Notice Beginning Date: **December 9, 2011**

Public Notice Ending Date: **January 9, 2012**

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

Draft New NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency  
Bureau of Water  
Division of Water Pollution Control  
Permit Section  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
217/782-0610

Name and Address of Discharger:

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439

Name and Address of Facility:

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439  
(Cook County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in the production of automotive products (SIC 4941). Wastewater is generated from treating groundwater obtained from on-site wells in a reverse osmosis treatment unit which results in an average discharge of 0.0035 MGD of reverse osmosis reject water and stormwater runoff from outfall 001.

Application is made for the new discharge(s) which is located in Cook County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Stream Classification</u>	<u>Integrity Rating</u>
001	Drainage Swale Tributary to Chicago Sanitary and Ship Canal	41° 40' 56" North	87° 59' 38" West	General Use	Secondary Contact

To assist you further in identifying the location of the discharge please see the attached map.

The stream segment receiving the discharge from outfall(s) 001 is on the 2010 303(d) list of impaired waters and is a biologically significant stream on the 2008 Illinois Department of Natural Resources Publication—*Integrating Multiple Taxa in a Biological Stream Rating System*.

The following parameters have been identified as the pollutants causing impairment:

<u>Designated Use</u>	<u>Potential Cause</u>
PCBs, Iron, Oil & Grease, Dissolved Oxygen (non-pollutant), and Total Phosphorus	Fish Consumption and Indigenous Aquatic Life Uses.

The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfall: 001 Reverse Osmosis Reject Water and Stormwater Runoff (DAF = 0.0035 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/L		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow						
pH	Shall be in the range of 6.0 – 9.0 standard units					35 IAC 304.125
Boron				1.0		35 IAC 302.208
Chloride				Monitoring		
Chlorine				0.05		40 CFR125.3
Sulfate				Monitoring		
Total Suspended Solids				15	30	35 IAC 304.124

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

Special Conditions include the descriptions of flow reporting, pH limitations, monitoring location, DMR submission, re-opener, total residual chlorine, and no offensive condition.

**Antidegradation Assessment for CCI Manufacturing – Lemont  
NPDES Permit No. IL0079774 Cook County**

The subject facility has applied for an NPDES permit for a new wastewater discharge. The company manufactures automotive anti-freeze solutions, windshield wiper solutions and other automotive products that require large quantities of high quality water. Currently, this water is supplied by a vendor and due to high costs and the inconvenience of deliveries, the company wants to install a reverse osmosis water treatment system using the local groundwater as the source water. The reverse osmosis reject water will be discharged to a swale on site. The swale drains to the Chicago Ship and Sanitary Canal. Approximately 3,500 gallons of reject water will be discharged per day.

**Identification and Characterization of the Affected Water Body.**

The Chicago Ship and Sanitary Canal (segment GI-02) has a 7Q10 flow of 1309 cfs and is a Secondary Contact and Indigenous Aquatic Life Use water. The Canal is listed on the draft Illinois Integrated Water Quality Report and Section 303(d) List – 2010. The impaired uses are fish consumption and indigenous aquatic life uses. PCBs is the cause of the fish consumption use impairment and the listed potential causes of indigenous aquatic life use impairment are iron, oil & grease, dissolved oxygen (non-pollutant) and total phosphorus. The Canal is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating. The Canal is not designated as an enhanced water pursuant to the dissolved oxygen water quality standard. The IDNR WIRT system does not list any state threatened or endangered aquatic species as residing in the receiving stream.

**Identification of Proposed Pollutant Load Increases or Potential Impacts on Uses.**

The reverse osmosis reject water effluent will be similar other effluents produced from this process at many other locations. The source water dictates the chemical composition of the effluent. An analysis was made by the membrane supplier using site well water. The reject water will have approximately 387 mg/L chloride and 1,146 mg/L sulfate in addition to calcium and magnesium based hardness minerals. While there are no water quality standards for chloride and sulfate for Secondary Contact and Indigenous Aquatic Life Use waters, the discharge concentrations will meet the water quality standards for General Use waters and proposed standards for the Chicago Ship and Sanitary Canal; 500 mg/L for chloride and 1,422 mg/L sulfate given a hardness of 205 mg/L and chloride of 149.5 mg/L from AWQMN Station GI-02, Chicago Ship and Sanitary Canal at Lockport. Given the small size and benign nature of this effluent, no discernable change will occur in the Canal.

**Fate and Effect of Parameters Proposed for Increased Loading.**

The dissolved salts in this effluent will remain in the downstream continuum unless aquatic organisms remove small quantities for life processes. The overall impact on Canal concentrations will not be measurable.

**Purpose and Social & Economic Benefits of the Proposed Activity.**

This activity allows the applicant to produce their own supply of pure water for the manufacturing process. This will benefit the community by eliminating the truck traffic involved in water deliveries to the plant.

**Assessments of Alternatives for Less Increase in Loading or Minimal Environmental Degradation.**

The plant is located on a strip of land located between the Des Plaines River and the Chicago Ship and Sanitary Canal. No sanitary sewers exist and therefore no disposal of the proposed effluent to a sewer is possible.

Land application was also considered. This option was rejected because groundwater standards would not be met by the effluent.

Reverse osmosis is a method of water purification that does not add additional pollutants to the source water. Other technologies, such as ion exchange, are less environmentally acceptable.

**Summary Comments of the Illinois Department of Natural Resources, Regional Planning Commissions, Zoning Boards or Other Entities**

The Illinois Department of Natural Resources (IDNR) was consulted regarding threatened and endangered species issues via the EcoCAT system on September 21, 2011. Several threatened or endangered species were identified in the area. The IDNR responded in a September 28, 2011 letter terminating consultation and concluding that adverse effects are unlikely.

**Agency Conclusion.**

This preliminary assessment was conducted pursuant to the Illinois Pollution Control Board regulation for Antidegradation found at 35 Ill. Adm. Code 302.105 (antidegradation standard) and was based on the information available to the Agency at the time the draft permit was written. We tentatively find that the proposed activity will result in the attainment of water quality standards; that all existing uses of the receiving stream will be maintained; that all technically and economically reasonable measures to avoid or minimize the extent of the proposed increase in pollutant loading have been incorporated into the proposed activity; and that this activity will benefit the community at large by reducing truck traffic. Comments received during the NPDES permit public notice period will be evaluated before a final decision is made by the Agency.



NPDES Permit No. IL0079774

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

New (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439

Facility Name and Address:

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439  
(Cook County)

Discharge Number and Name:

001 Reverse Osmosis Reject Water and Stormwater Runoff

Receiving Waters:

Drainage Swale Tributary to Chicago Sanitary and Ship Canal

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

SAK: SMT:11101701.bah

NPDES Permit No. IL0079774

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 001 Reverse Osmosis Reject Water and Stormwater Runoff (DAF = 0.0035 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow	See Special Condition 1				Once Per Month	
pH	See Special Condition 2				Once Per Month	Grab
Boron			1.0		Once Per Month	Grab
Chloride					Once Per Month	Grab
Chlorine			0.05		Once Per Month	Grab
Sulfate					Once Per Month	Grab
Total Suspended Solids			15	30	Once Per Month	Grab

Special Conditions

SPECIAL CONDITION 1. Flow shall be reported in million gallons per day as a daily maximum and monthly average on the Discharge Monitoring Report form.

SPECIAL CONDITION 2. The pH shall be in the range 6.0 to 9.0 standard units. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/edmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 4

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

A. A storm water pollution prevention plan shall be maintained by the permittee for the storm water associated with industrial activity at this facility. The plan shall identify potential sources of pollution which may be expected to affect the quality of storm water discharges associated with the industrial activity at the facility. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit. The permittee shall modify the plan if substantive changes are made or occur affecting compliance with this condition.

1. Waters not classified as impaired pursuant to Section 303(d) of the Clean Water Act.

Unless otherwise specified by federal regulation, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event.

2. Waters classified as impaired pursuant to Section 303(d) of the Clean Water Act

For any site which discharges directly to an impaired water identified in the Agency's 303(d) listing, and if any parameter in the subject discharge has been identified as the cause of impairment, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event. If required by federal regulations, the storm water pollution prevention plan shall adhere to a more restrictive design criteria.

B. The operator or owner of the facility shall make a copy of the plan available to the Agency at any reasonable time upon request.

Facilities which discharge to a municipal separate storm sewer system shall also make a copy available to the operator of the municipal system at any reasonable time upon request.

C. The permittee may be notified by the Agency at any time that the plan does not meet the requirements of this condition. After such notification, the permittee shall make changes to the plan and shall submit a written certification that the requested changes have been made. Unless otherwise provided, the permittee shall have 30 days after such notification to make the changes.

Special Conditions

- D. The discharger shall amend the plan whenever there is a change in construction, operation, or maintenance which may affect the discharge of significant quantities of pollutants to the waters of the State or if a facility inspection required by paragraph H of this condition indicates that an amendment is needed. The plan should also be amended if the discharger is in violation of any conditions of this permit, or has not achieved the general objective of controlling pollutants in storm water discharges. Amendments to the plan shall be made within 30 days of any proposed construction or operational changes at the facility, and shall be provided to the Agency for review upon request.
- E. The plan shall provide a description of potential sources which may be expected to add significant quantities of pollutants to storm water discharges, or which may result in non-storm water discharges from storm water outfalls at the facility. The plan shall include, at a minimum, the following items:
1. A topographic map extending one-quarter mile beyond the property boundaries of the facility, showing: the facility, surface water bodies, wells (including injection wells), seepage pits, infiltration ponds, and the discharge points where the facility's storm water discharges to a municipal storm drain system or other water body. The requirements of this paragraph may be included on the site map if appropriate. Any map or portion of map may be withheld for security reasons.
  2. A site map showing:
    - i. The storm water conveyance and discharge structures;
    - ii. An outline of the storm water drainage areas for each storm water discharge point;
    - iii. Paved areas and buildings;
    - iv. Areas used for outdoor manufacturing, storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates.
    - v. Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);
    - vi. Surface water locations and/or municipal storm drain locations
    - vii. Areas of existing and potential soil erosion;
    - viii. Vehicle service areas;
    - ix. Material loading, unloading, and access areas.
    - x. Areas under items iv and ix above may be withheld from the site for security reasons.
  3. A narrative description of the following:
    - i. The nature of the industrial activities conducted at the site, including a description of significant materials that are treated, stored or disposed of in a manner to allow exposure to storm water;
    - ii. Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;
    - iii. Existing structural and non-structural control measures to reduce pollutants in storm water discharges;
    - iv. Industrial storm water discharge treatment facilities;
    - v. Methods of onsite storage and disposal of significant materials.
  4. A list of the types of pollutants that have a reasonable potential to be present in storm water discharges in significant quantities. Also provide a list of any pollutant that is listed as impaired in the most recent 303(d) report.
  5. An estimate of the size of the facility in acres or square feet, and the percent of the facility that has impervious areas such as pavement or buildings.
  6. A summary of existing sampling data describing pollutants in storm water discharges.
- F. The plan shall describe the storm water management controls which will be implemented by the facility. The appropriate controls shall reflect identified existing and potential sources of pollutants at the facility. The description of the storm water management controls shall include:



Special Conditions

1. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.
2. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system devices such as oil/water separators, catch basins, etc., and inspection and testing of plant equipment and systems that could fail and result in discharges of pollutants to storm water.
3. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.
4. Spill Prevention and Response - Identification of areas where significant materials can spill into or otherwise enter the storm water conveyance systems and their accompanying drainage points. Specific material handling procedures, storage requirements, spill cleanup equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.
5. Storm Water Management Practices - Storm water management practices are practices other than those which control the source of pollutants. They include measures such as installing oil and grit separators, diverting storm water into retention basins, etc. Based on assessment of the potential of various sources to contribute pollutants, measures to remove pollutants from storm water discharge shall be implemented. In developing the plan, the following management practices shall be considered:
  - i. Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff. To the maximum extent practicable storm water discharged from any area where material handling equipment or activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water should not enter vegetated areas or surface waters or infiltrate into the soil unless adequate treatment is provided.
  - ii. Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges.
  - iii. Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges.
  - iv. Waste Chemical Disposal - Waste chemicals such as antifreeze, degreasers and used oils shall be recycled or disposed of in an approved manner and in a way which prevents them from entering storm water discharges.
  - v. Storm Water Diversion - Storm water diversion away from materials manufacturing, storage and other areas of potential storm water contamination. Minimize the quantity of storm water entering areas where material handling equipment of activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water using green infrastructure techniques where practicable in the areas outside the exposure area, and otherwise divert storm water away from exposure area.
  - vi. Covered Storage or Manufacturing Areas - Covered fueling operations, materials manufacturing and storage areas to prevent contact with storm water.
  - vii. Storm Water Reduction - Install vegetation on roofs of buildings within adjacent to the exposure area to detain and evapotranspire runoff where precipitation falling on the roof is not exposed to contaminants, to minimize storm water runoff; capture storm water in devices that minimize the amount of storm water runoff and use this water as appropriate based on quality.
6. Sediment and Erosion Prevention - The plan shall identify areas which due to topography, activities, or other factors, have a high potential for significant soil erosion. The plan shall describe measures to limit erosion.
7. Employee Training - Employee training programs shall inform personnel at all levels of responsibility of the components and goals of the storm water pollution control plan. Training should address topics such as spill response, good housekeeping and material management practices. The plan shall identify periodic dates for such training.
8. Inspection Procedures - Qualified plant personnel shall be identified to inspect designated equipment and plant areas. A tracking or follow-up procedure shall be used to ensure appropriate response has been taken in response to an inspection. Inspections and maintenance activities shall be documented and recorded.

Special Conditions

- G. Non-Storm Water Discharge - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharge. The certification shall include a description of any test for the presence of non-storm water discharges, the methods used, the dates of the testing, and any onsite drainage points that were observed during the testing. Any facility that is unable to provide this certification must describe the procedure of any test conducted for the presence of non-storm water discharges, the test results, potential sources of non-storm water discharges to the storm sewer, and why adequate tests for such storm sewers were not feasible.
- H. Quarterly Visual Observation of Discharges - The requirements and procedures for quarterly visual observations are applicable to all outfalls covered by this condition.
1. You must perform and document a quarterly visual observation of a storm water discharge associated with industrial activity from each outfall. The visual observation must be made during daylight hours. If no storm event resulted in runoff during daylight hours from the facility during a monitoring quarter, you are excused from the visual observations requirement for that quarter, provided you document in your records that no runoff occurred. You must sign and certify the document.
  2. Your visual observation must be made on samples collected as soon as practical, but not to exceed 1 hour or when the runoff or snow melt begins discharging from your facility. All samples must be collected from a storm event discharge that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event. The observation must document: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution. If visual observations indicate any unnatural color, odor, turbidity, floatable material, oil sheen or other indicators of storm water pollution, the permittee shall obtain a sample and monitor for the parameter or the list of pollutants in Part E.4.
  3. You must maintain your visual observation reports onsite with the SWPPP. The report must include the observation date and time, inspection personnel, nature of the discharge (i.e., runoff or snow melt), visual quality of the storm water discharge (including observations of color, odor, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.
  4. You may exercise a waiver of the visual observation requirement at a facility that is inactive or unstaffed, as long as there are no industrial materials or activities exposed to storm water. If you exercise this waiver, you must maintain a certification with your SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water.
  5. Representative Outfalls - If your facility has two or more outfalls that you believe discharge substantially identical effluents, based on similarities of the industrial activities, significant materials, size of drainage areas, and storm water management practices occurring within the drainage areas of the outfalls, you may conduct visual observations of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s).
  6. The visual observation documentation shall be made available to the Agency and general public upon written request.
- I. The permittee shall conduct an annual facility inspection to verify that all elements of the plan, including the site map, potential pollutant sources, and structural and non-structural controls to reduce pollutants in industrial storm water discharges are accurate. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting significant observations made during the site inspection shall be submitted to the Agency in accordance with the reporting requirements of this permit.
- J. This plan should briefly describe the appropriate elements of other program requirements, including Spill Prevention Control and Countermeasures (SPCC) plans required under Section 311 of the CWA and the regulations promulgated there under, and Best Management Programs under 40 CFR 125.100.
- K. The plan is considered a report that shall be available to the public at any reasonable time upon request.
- L. The plan shall include the signature and title of the person responsible for preparation of the plan and include the date of initial preparation and each amendment thereto.
- M. Facilities which discharge storm water associated with industrial activity to municipal separate storm sewers may also be subject to additional requirement imposed by the operator of the municipal system

Construction Authorization

Authorization is hereby granted to construct treatment works and related equipment that may be required by the Storm Water Pollution Prevention Plan developed pursuant to this permit.

Special Conditions

This Authorization is issued subject to the following condition(s).

- N. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee there upon waives all rights there under.
- O. The issuance of this authorization (a) does not release the permittee from any liability for damage to persons or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (b) does not take into consideration the structural stability of any units or part of this project; and (c) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or other applicable local law, regulations or ordinances.
- P. Plans and specifications of all treatment equipment being included as part of the stormwater management practice shall be included in the SWPPP.
- Q. Construction activities which result from treatment equipment installation, including clearing, grading and excavation activities which result in the disturbance of one acre or more of land area, are not covered by this authorization. The permittee shall contact the IEPA regarding the required permit(s).

REPORTING

- R. The facility shall submit an electronic copy of the annual inspection report to the Illinois Environmental Protection Agency. The report shall include results of the annual facility inspection which is required by Part I of this condition. The report shall also include documentation of any event (spill, treatment unit malfunction, etc.) which would require an inspection, results of the inspection, and any subsequent corrective maintenance activity. The report shall be completed and signed by the authorized facility employee(s) who conducted the inspection(s). The annual inspection report is considered a public document that shall be available at any reasonable time upon request.
- S. The first report shall contain information gathered during the one year time period beginning with the effective date of coverage under this permit and shall be submitted no later than 60 days after this one year period has expired. Each subsequent report shall contain the previous year's information and shall be submitted no later than one year after the previous year's report was due.
- T. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the annual report.
- U. The permittee shall retain the annual inspection report on file at least 3 years. This period may be extended by request of the Illinois Environmental Protection Agency at any time.

Annual inspection reports shall be mailed to the following address:

Illinois Environmental Protection Agency  
Bureau of Water  
Compliance Assurance Section  
Annual Inspection Report  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

- V. The permittee shall notify any regulated small municipal separate storm sewer owner (MS4 Community) that they maintain coverage under an individual NPDES permit. The permittee shall submit any SWPPP or any annual inspection to the MS4 community upon request by the MS4 community.

SPECIAL CONDITION 5. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 6. In addition to the other requirements of this permit, no effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor, and turbidity shall be reduced to below obvious levels.

SPECIAL CONDITION 7. All samples for total residual chlorine shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

Special Conditions

SPECIAL CONDITION 8. All samples for total residual chlorine (TRC) shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

The water quality standards for TRC (0.011 mg/L average and 0.019 mg/L maximum) are below the method detection level (0.05 mg/L) as described in 40 CFR 136. Therefore, for the purpose of this permit, the method detection level shall be utilized to determine compliance with the permit limit for TRC. A measurement of <0.05 mg/L reported on the DMR shall not be considered a violation of the water quality based effluent limit. This reporting threshold is being established to determine compliance and does not authorize the discharge of TRC in excess of the water quality based effluent limit.

217/782-0610

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439

Re: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774  
Draft Permit

Gentlemen:

Attached to this letter is a copy of the draft Permit, Public Notice/Fact Sheet for your discharge. The Agency proposes to issue the NPDES Permit for your discharge as shown in the draft Permit.

Fifteen days from the date of this letter, the Agency proposes to distribute the attached Public Notice/Fact Sheet statewide. If you have objections to the content of the Public Notice/Fact Sheet, a written statement must be received by the Agency at the indicated address, attention: NPDES PN Clerk within 10 days.

The Agency will receive comments regarding the Permit for a period of 30 days after the Public Notice is issued. If you wish to comment or object to any of the terms and conditions of the Permit, you must state the objections in writing prior to the end of the public notice. The Agency may or may not change the Permit based on comments received from you or the public.

If you should have questions or comments regarding the above, please contact Shu-Mei Tsai at 217/782-0610.

Sincerely,

Darin E. LeCrone, P.E.  
Manager, Industrial Unit  
Division of Water Pollution Control

DEL:SMT:11101701.bah

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit  
Compliance Assurance Section

217/782-0610

Department of the Army  
Chicago District  
Corps of Engineers  
River Center Building  
111 N. Canal Street  
Chicago, Illinois 60606

Re: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774  
Request for Corps of Engineers Comment

Gentlemen:

Attached please find a copy of the Public Notice/Fact Sheet for the subject discharge. Please review for determination of the impact of this discharge on navigation and anchorage. If no written reply is received at the indicated address, attention: NPDES PN Clerk within 15 days of the date of this request, the Agency will assume the Corps of Engineers has no objection to the proposed discharge.

Sincerely,

Darin E. LeCrone, P.E.  
Manager, Industrial Unit  
Division of Water Pollution Control

DEL:SMT:11101701.bah

Attachment: Public Notice/Fact Sheet

cc: Records Unit

**MEMORANDUM**

DATE:

TO: Manager, DWPC/FOS, Des Plaines Region

FROM: Darin E. LeCrone, Manager, Industrial Unit

SUBJECT: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774  
Draft Permit, Public Notice/Fact Sheet

Please review the attached copy of the subject documents, and notify the Industrial Unit if you take exception to the limitations, sampling frequency, sample type or other requirements therein.

If no response is received within fifteen (15) days from the date of this memorandum, we will assume that you concur in the issuance of the Public Notice.

If you have any questions, please contact Shu-Mei Tsai at 217/782-0610.

Thank you for your cooperation.

DEL:SMT:11101701.bah

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit

217/782-0610

Municipal Clerk  
Lemont Village Hall  
418 Main Street  
Lemont, Illinois 60439

Re: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774  
Public Notice of Permit

Municipal Clerk:

In accordance with the requirements of the Illinois Pollution Control Board regulations of 35 Ill. Adm. Code 309.109(a)(2)(A), the attached National Pollutant Discharge Elimination System Public Notice is sent to a municipality in the vicinity of the applicant. The Agency understands that the applicant may not be associated with the municipality to which it is sent.

Please post the attached National Pollutant Discharge Elimination System Public Notice for a period of 30 days. In addition, please complete and return the enclosed postcard indicating the date of posting. Should you choose not to post the attached notice, please indicate so on the postcard and return.

Thank you for your cooperation.

Sincerely,

Darin E. LeCrone, P.E.  
Manager, Industrial Unit  
Division of Water Pollution Control

DEL:SMT:11101701.bah

Attachments: Public Notice/Fact Sheet, Post Card

cc: Records Unit



217/782-0610

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439

Re: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774  
Public Notice Permit

Gentlemen:

Please post the attached Public Notice for the subject discharge for at least a period of thirty days from the date on the Notice in a conspicuous place on your premises.

We have enclosed a copy of the draft NPDES permit on which this official Public Notice is based. If you wish to comment on the draft permit, please do so within 30 days of the Public Notice date. If there are any questions, please contact Shu-Mei Tsai at 217/782-0610 or the address listed above.

Thank you for your cooperation.

Sincerely,

Darin E. LeCrone, P.E.  
Manager, Industrial Unit  
Division of Water Pollution Control

DEL:SMT:11101701.bah

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit  
Compliance Assurance Section  
Des Plaines Region  
CMAP

217/782-0610

Mr. Edward Karecki  
U.S. Fish & Wildlife Service  
Chicago Illinois Field Office  
1250 South Grove Ave., Suite 103  
Barrington, Illinois 60010

Re: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774

Gentlemen:

In accordance with 40 CFR 124.10, we hereby submit a copy of the Public Notice/Fact Sheet for the above discharger. If no written reply is received at the indicated address, attention: NPDES PN Clerk within 30 days of the date of this request, the Agency will assume that the U.S. Fish and Wildlife Service has no objection to the proposed discharge.

Sincerely,

Darin E. LeCrone, P.E.  
Manager, Industrial Unit  
Division of Water Pollution Control

DEL:SMT:11101701.bah

Attachment: Public Notice/Fact Sheet

cc: Records Unit

217/782-0610

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439

Re: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774  
Draft Permit

Dear Applicant:

During the spring 2003 legislative session the Illinois General Assembly adopted and Governor Rod Blagojevich signed the *FY2004 Budget Implementation (State Finance-Revenue) Act*. This law establishes new or increased fees for many environmental permitting activities administered by the Illinois Protection Agency, including the National Pollutant Discharge Elimination System (NPDES). Effective July 1, 2003 the initial annual fee for discharges under a new individual NPDES permit or for activity under a new individual sludge generator or sludge user permit must be remitted to the Agency prior to issuance of the permit.

This notice of Initial NPDES Fees Due serves the function of invoice. The initial annual fee assessed for the operation of new wastewater facilities described in your Illinois NPDES is \$1,000 (Industrial – Minor Facility with no toxics  $\leq$  0.1 MGD). The fee must be remitted to the Agency in order for the NPDES permit to be issued. Please return a copy of this letter and submit your remittance to: Illinois EPA, DWPC Permit Section, Initial NPDES Fee, Post Office Box 19276, Springfield, IL 62794-9276.

Additional information is provided via internet at: [www.epa.state.il.us/fees/npdes/html](http://www.epa.state.il.us/fees/npdes/html).

If you believe this fee is in error or have other questions regarding this notice, please call Shu-Mei Tsai (217/782-0610).

Sincerely,

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

DEL:SMT:11101701.bah

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit  
Compliance Assurance Section  
Billing  
Relbek Consulting.

217/782-0610

CCI Manufacturing IL, Corp.  
15550 Canal Bank Road  
Lemont, Illinois 60439

Re: CCI Manufacturing IL, Corp.  
NPDES Permit No. IL0079774  
Final Permit

Gentlemen:

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. Failure to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The Agency has begun a program allowing the submittal of electronic Discharge Monitoring Reports (eDMRs) instead of paper Discharge Monitoring Reports (DMRs). If you are interested in eDMRs, more information can be found on the Agency website, <http://epa.state.il.us/water/edmr/index.html>. If your facility is not registered in the eDMR program, a supply of preprinted paper DMR Forms for your facility will be sent to you prior to the initiation of DMR reporting under the reissued permit. Additional information and instructions will accompany the preprinted DMRs upon their arrival.

The attached Permit is effective as of the date indicated on the first page of the Permit. Until the effective date of any re-issued Permit, the limitations and conditions of the previously-issued Permit remain in full effect. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 35 day period following the issuance date.

Should you have questions concerning the Permit, please contact Shu-Mei Tsai at the 217/782-0610.

Sincerely,

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

SAK:SMT:11101701.bah

Attachment: Final Permit

cc: Records  
Compliance Assurance Section  
Des Plaines Region  
Billing  
CMAP