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### Common Reasons to Employ Storm Drain Contractors



Storm drain contractors are employed by General contractors to perform work on storm water drainage systems. This type of pipeline system is necessary for rerouting accumulated storm water runoff from ground surfaces such as roads, sidewalks, curbs, and parking lots.

Employing licensed and certified storm drain contractors is necessary when systems are installed or repaired. These systems have to be maintained on a regular basis to minimize risk of flooding and to check for large pieces of debris that can cause systems to backup and overflow.

Storm drainage systems are comprised of a series of water pipes, catch basins, and inlets. That latter two are devices that attach to subsurface pipes. They are positioned by roads, sidewalks, and curbs to filter debris and convey water to a discharge location.

Improper installation of storm water drainage systems can result in flooding or release of toxins into oceans, rivers, and streams. To minimize risks, storm drain contractors have to undergo extensive training to become certified in this field of

work.

All materials and components used with these systems, along with installation processes, have to be in compliance with EPA guidelines set forth in the National Pollutant Discharge Elimination System (NPDES) program. NPDES is the governing body that regulates all sources that release pollutants into American waterways.

When contractors perform work related to commercial, industrial, institutional, or public works projects they need to have NPDES permits prior to starting work. When work is performed on residential storm water drainage systems that attach to public sewer lines or private septic tanks they are not required to acquire NPDES permits.

All drainage systems make use of filtration systems to keep large pieces of debris from being released into waterways. Contractors utilize a variety of filters which include geomembrane liners, storm water chambers, fabric filters and fossil filters.

During the design phase, engineers perform multiple calculations and evaluate a variety of factors. One of the most significant factors is calculating the rate at which water accumulates uphill and travels downhill. Figuring out accumulation and flow rates is vital for determining the size of pipes that need to be used, as well as understanding the most effective discharge location.

There are times when discharge locations are a considerable distance from the storm drainage system. This often warrants making use of a detention pond to store excess water until it can be conveyed to the point of release.

Not only are detention ponds a good method for storing excess water, they also help protect property which is located below the storm drainage system. Furthermore, detention ponds help to regulate the rate at which water flows through outlet pipes.

Water flow rates are established by individual municipalities. Any time flow rates surpass allowable levels excess water is stored in detention ponds until it can be safely conveyed through water pipes to the designated discharge point.

Employing experienced storm drain contractors helps to accelerate pipeline construction projects while ensuring materials and installation procedures are in compliance with local and federal regulations. Due to the fact these systems are necessary for flood prevention it is crucial to hire reputable contractors that possess a superior record of construction safety.

# **Company Description**

Industrial & Environmental Concepts, Inc., (IEC), is widely recognized as the worldwide leader in the design, fabrication, and installation of cover and liner systems.

#### **Contact Details**

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Google Site: https://sites.google.com/view/industrialenvironmentalconcept/

Google Folder: https://drive.google.com/drive/folders/1RPuzVc0MsYC54ALPcgIYLvLpaPJ3ulv0?usp=drive\_open\_

#### Recommended Resources

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https://mgyb.co/s/jw10O

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#### Recommended Profiles

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https://disgus.com/bv/ieccovers/about/

https://paper.li/fCtuUcOYVUsZsYdt52aXh

## **Useful Contents**

Geomembrane Liners

Geomembrane Liner

**Geomembrane Systems** 

**Highest Quality Geomembrane** 

Geomembrane

Geosynthetics

Pond Liner Manufacturer

**Evaporation Pond Liners** 

Polyethylene Pond Liner

Polyethylene Pond Liners

**Bentonite Clay Pond Liner** 

**Hdpe Pond Liner** 

**Heat Retention Liners** 

Tank Liners Agriculture

Wastewater Liner

**Lagoon Liners** 

Sewage Lagoon Liners

**Containment Liners** 

Geotextile Liner

**Anaerobic Digester Covers** 

**Anaerobic Covers** 

**Landfill Cover** 

**Agriculture Cover** 

**Wastewater Covers** 

Birdstrike Pond Cover

**Agricultural Pond Cover** 

Renewable Natural Gas Cover

Rng Gas Cover

**Trench Safety Stairs** 

**Trench Stairs** 

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Wastewater Storage Basin

**Gas Collection Covers** 

Gas Storage Covers

Renewable Natural Gas Cover

**Pond Floating Covers** 

**Lagoon Floating Covers** 

**Modular Floating Covers** 

**Clarifier Covers** 

**Tank Covers** 

**Launder Covers** 

**Landfill Covers** 

**Manure Pond Covers** 

Manure Lagoon Covers

Floating Cover Systems

Lagoon Baffles

**Pond Baffles** 

Tank Baffles

**Containment Liners** 

Geomembrane Liners Near Me

Geomembrane Liner Near Me

Geomembrane Systems Near Me

Highest Quality Geomembrane Near Me

Geomembrane Near Me

Geosynthetics Near Me

Pond Liner Manufacturer Near Me

**Evaporation Pond Liners Near Me** 

Polyethylene Pond Liner Near Me

Polyethylene Pond Liners Near Me

Bentonite Clay Pond Liner Near Me

Hdpe Pond Liner Near Me

Heat Retention Liners Near Me

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Modular Floating Covers Near Me

Clarifier Covers Near Me

Tank Covers Near Me

Launder Covers Near Me

Landfill Covers Near Me

Manure Pond Covers Near Me

Manure Lagoon Covers Near Me

Floating Cover Systems Near Me

Modular Floating Covers Near Me

<u>Lagoon Baffles Near Me</u>

Pond Baffles Near Me

Tank Baffles Near Me

Containment Liners Near Me