Welcome to the ...

#### 2017 Builder/Contractor Erosion Control Meeting

October 16, 2017

#### Agenda & Attendees

#### **Big Lake Builder/Contractor Erosion Meeting**

October 16, 2017

#### AGENDA

1. Rules

- MS4
- NPDES
- SWPPP
- 2. Responsibilities (Legal)
- State
- City
  - City Code
  - o MS4 o Permitting
- Owner
  - Confirm contractor permitted
- Follow rules (SWPPP)
- Contractor/Builder
  - Follow SWPPP or Survey Requirements
  - Inspect
  - Respond
- 3. City Expectations
  - Permitting/Review Process
    - o Plans
    - Survey submittal for house
  - Follow NPDES/SWPPP
    - Installation
    - Inspections weekly or 0.5"
  - Responsiveness
- 4. Communicate
  - · Ask Questions Call or Email
- 5. Q & A Opportunity

Thank You For Attending!

#### 2017 Big Lake Builders/Contractors Erosion Control Meeting 10/16/2017 **Big Lake City Hall**

Name	Company	Telphone	Email
1 Travis Dimond Manare	LGI Humes	612979-5725	tmanore@gihones.com
z Patrick Grogg	LGI HOMES	952-237-2904	patrick.groggely homes.com
3Ken Geroux K	to Gersan Const	163-263-6878	Kenla Kleccorp.com
+ BrAD Dumoncas	the programme	Bilders Ine	Brocelogrossivabillarson con 1763-263-2227
5 Denny Nelson	frome eave	Billers The	demy Opportunite builders mail
6 Motor Brutesen	Brutesar	otra	Matter britan Cotta
7 Katie Stelaner	City of Dig Lake /	GARMENTORES	ksteliner@biglakerna.org
B MICK KATEHLE (BO) BIG (ATE			
DLAYNE OTTESON		BIGLAKE	
10			
11			
12			
13			
14			

#### Introductions

# Layne Otteson P.E. City Engineer/Project Manager Mick Kaehler Building Official Mike Goeble Public Works Director

#### Preliminaries

Restrooms Agenda -Sign In Sheet -Presentation -Group Q&A (general)

# Key Highlights

- Protect our waters!
- Federal, State and Local Rules
- Expectations by the City
- Communication
- Partnership approach

### Stormwater & Water Quality



Big Lake = 251 acres Lake Mitchell = 172 acres Combined Watershed Area = 370 acres Watershed is relatively small, so pollution contributions from immediate neighborhood stormwater are of greatest importance.



## Stormwater & Water Quality



Nutrients (phosphorus and nitrogen) control plant and algae growth in lakes

#### - More P & N = More Plants and Algae -

Stormwater may carry nutrients from lawns, eroded soil, pet waste, street sediment, and other sources







#### Responsibilities

State (MPCA)

- City of Big Lake
  - City Code & MS4 permit rules
  - Permitting process

Owner

- Confirm contractor is permitted & following SWPPP
- Contractor
  - SWPPP
  - Inspect, Respond, Document

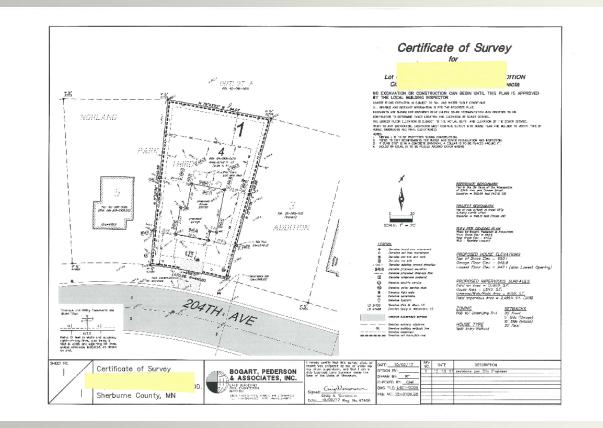
#### **Expectations by City**

Permitting and Review ProcessFollow NPDES & SWPPP

- Install BMPs according to plan
- Inspect (weekly or 0.5" rain)
- Respond
- Documentation/Record keeping
- Closeout

#### **Building Survey Example**

#### Silt fence, biologs, rock entrance, slopes, ...



### Tight timing schedule! Sweep!



#### **Protect the Inlet!** Sweep!



## Sod immediately after topsoil grading – weather!



## Housekeeping/Erosion



#### Reaffirmation

- Protect our water
- Federal, State and Local Rules & Permits
- Expectations by the City
- Communication
- Partnership approach

#### Thank you for attending!

#### Questions And Comments Are Welcome