



IBERIA PARISH GOVERNMENT
PERMITS, PLANNING AND ZONING DEPARTMENT
POND OR BERMS PERMIT APPLICATION

In order to obtain a permit, please complete this application and attach a
scaled site plan (8 1/2" x 11" or 11' x 17").

Please deliver this completed application and site plan to 715-A Weldon Street

Location of Proposed Pond

Site Address: _____ City: _____ State: _____ Zip: _____

Pond Site (in acres) _____

Engineer's Information:

Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Engineer's Phone #: _____ Fax #: _____

Engineer's Email: _____

Owner's Information:

Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone #: _____ Email: _____

Cost: _____

Applicant is responsible for maintaining existing conditions of the Public Right-of-Way (i.e. ditch grade, roadway shoulder and roadway) during construction activities as it relates to this Permit. Applicant is not allowed to damage and/or alter ditches, store construction material and equipment that may cause damage to and/or alter the Public Right-of-Way. Iberia Parish reserves the right to inspect permitted sites at any given time and upon written notification the Applicant will have 10 calendar days to correct noted deficiencies. Construction plans are to be on site during scheduled inspections. Failure to provide construction plans upon request will result in a rejected inspection.

Failure to correct noted deficiencies will result in the suspension of all construction-related inspections until noted deficiencies are corrected and approved by the Public Works Department.

My signature below certifies that I am aware of my responsibility and liability as the permit purchaser to comply with: all applicable building codes; City, Parish, State, and Federal regulations and requirements; insurance coverage for workers, building and contents, general public and occupants of the building, etc.

The undersigned applicant hereby represents that he has performed the necessary research to ascertain the existence and location of all servitudes, easements, setbacks, restrictive covenants, building restrictions, deed restrictions and other matters which may have an impact or effect upon the site which construction is to be made pursuant to this permit.

(Printed Name)

(Signature)

(Date)

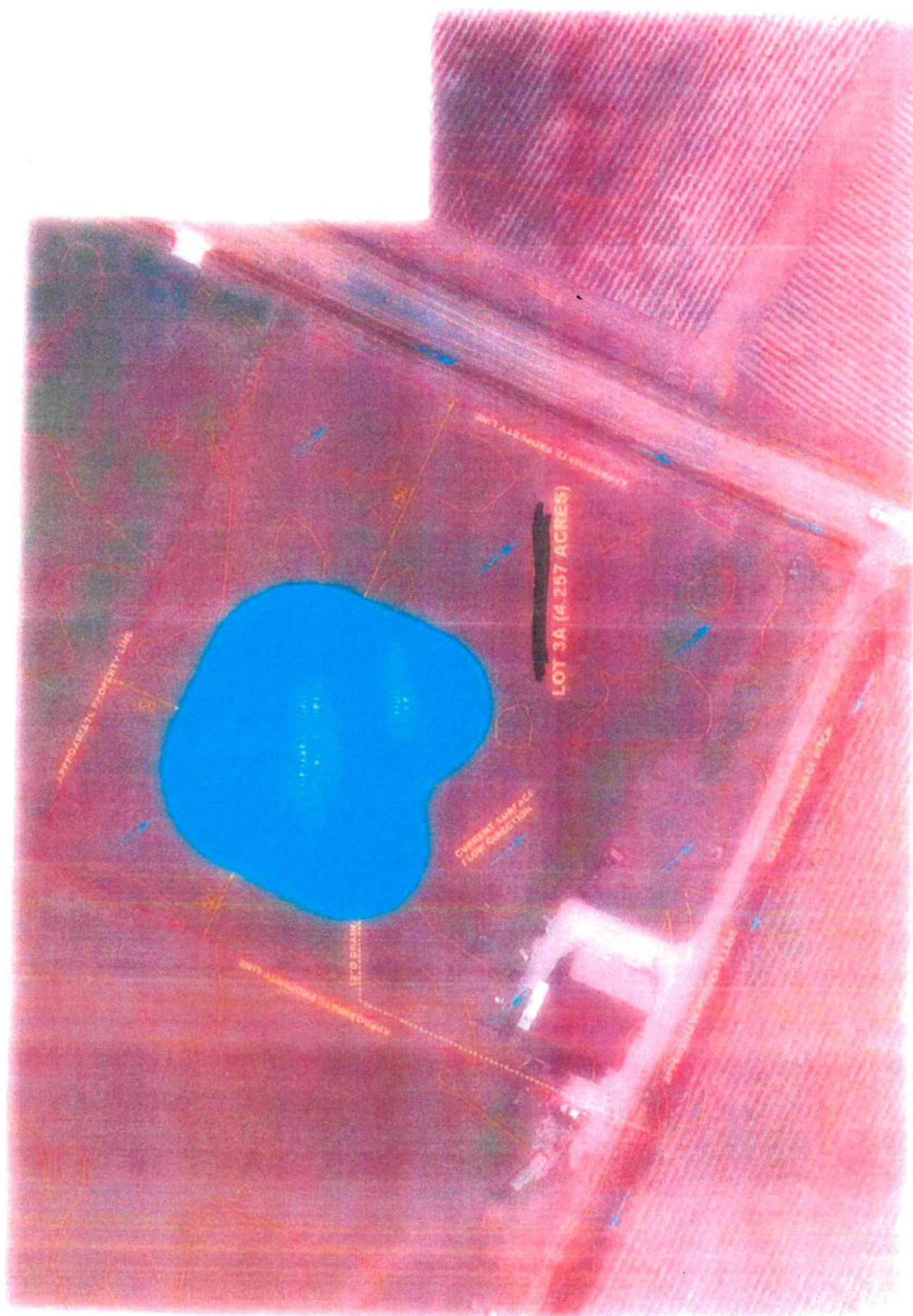
Check List

****The pond must have consistent water depth, 50' setback from all property lines and a minimum 8" outflow pipe****

- Legal plat (*see attached example*) showing acreage of land and location of pond or berm drawn on site and showing any flood zones, floodways, etc. Yes _____ No _____
- Plat showing depth of pond, width of pond, and slope of pond? Yes _____ No _____
- Plat showing where the overflow going? Yes _____ No _____
- Will the proposed pond require the removal of soils from the property Yes ____ No _____
- If yes, what are you doing with dirt? _____

If sold, this could be considered a commercial dirt pit. **YOU CANNOT PLACE IT ON YOUR PROPERTY IF YOU ARE IN A V/VE FLOOD ZONE. IT MUST BE HAULED OFF.** If property is in a flood zone A/AE special flood hazard area, then a letter from an engineer will need to be provided stating that the cumulative effect of the proposed development, combined with all other existing and anticipated development, will not increase the water surface elevation of the base flood more than one foot at any point within the community. If you are not sure what flood zone the property is in please call Permitting, Planning, and Zoning at 337-369-4438.

- Drainage impact study(*see attached example*) from Louisiana State Licensed Engineer
Yes _____ No _____
 - A drainage impact study is required by a Louisiana State Licensed Engineer and must be presented to the permit office prior to issuance of a permit, regardless of what flood zone you are in (If this is a commercial dirt pit, the dirt pit will need to be registered and permitted with a full drainage impact study.)
- Flood Zone _____, Letter from Engineer if in Zone A/AE? Yes _____ No _____
- Has the required Plot Plan been submitted with this application? Yes ____ No _____
- Is there a dwelling on the property? Yes ____ No _____



PEAK RATES OF RUNOFF

REF: Department of Transportation and Development Hydraulics Manual

JOB #
CUSTOMER
PROJECT

Residential Pond

DATE
CALCULATED BY
CHECKED BY

FLOW DESIGN:

INPUT DATA

	Zone 1	Zone 2	Zone 3
Drainage Area (A acres)	0.803	0	0
Hydraulic Length of Watershed (L ft)	520	70	90
Average Watershed Slope (S%)	0.02	1.00	1.00
Runoff Coefficient (C) Residential Single Family Table 2.1	0.4		
Time of Concentration (TC min)	50	10	12

TC = $0.7039 \cdot (L^{0.3917}) \cdot (C^{1.1309}) \cdot (S^{0.1985})$
Figure 2.1

Rainfall Return
Interval (yrs)

5 Years

Rainfall Intensity (i in/hr)
Table 2.2

Peak Rate of Runoff (Q cfs)
Eq 2.1 $Q = C \cdot I \cdot A$

Existing flow from area of pond prior to pond
excavation. Size outfall to limit flow to runoff prior
to pond excavation

3.4	6.6	6.4
1.09 cfs 490.1 gpm	0.00 cfs 0.0 gpm	0.00 cfs 0.0 gpm
Total Runoff: 1.09 cfs 490.1 gpm		

PIPE DESIGN:

Diameter of Pipe (d ft)

Slope (S decimal%)

Flow Condition 3/4 Full

Flow Cross Sectional Area (A sf)

Hydraulic Radius (R ft)

$R = A / P$ (P = wetted perimeter)

Manning Coefficient (n)

Table 2.1

Design Discharge (Q cfs)

$Q = A^2 \cdot (1.486/n)^2 \cdot (R^{2/3}) \cdot (S^{0.5})$

Velocity (V ft/s)

$V = [(S^{0.5}) \cdot (1.486 \cdot R^{2/3})] / n$

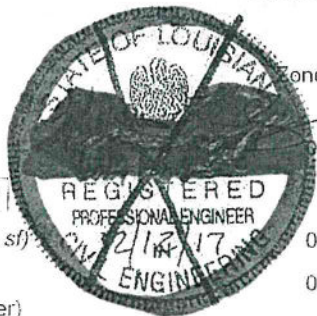
Eq 2.9

Water Width Required

$Q = 3.33(W - 0.2H)H^{1.5}$

H = Rainfall Intensity (in)

Q = Peak Rate of Runoff



Zone 1-2

Zone 2-3

Zone 3-Out

12

0

0

0.005

0.005

0.005

0.589

0

0

0.141

#####

#DIV/0!

0.009

1.86 cfs

cfs

#DIV/0! cfs

834.7 gpm

gpm

#DIV/0! gpm

3.2 ft/s

ft/s

#DIV/0! ft/s

3.0 ft/s minimum as per Section 2.52c

2.23 ft - W

3.4 in = H

Notch pipe depth of Rainfall Intensity
x calculated width