

21

26441-1



Project Correspondence

1724

MSSW PERMIT APPLICATION CHECKLIST

PROJECT NAME : North Ridge
PROJECT NO. : 40-069-0161A
PROJECT AREA : 73.97 AC. IMP. AREA _____ AC. XIMP _____

IS THE PROJECT LOCATED IN DISTRICT HYDROLOGIC BASIN: Ocklawaha
IF SO, WHICH BASIN : _____
IF SO, ARE THRESHOLD TRIPPED? : _____

RECEIVING WATER BODY : Jacks Lake Class III
IS RECEIVING WATER BODY LAND-LOCKED ? _____ OFW? : III

DESIGN STORM EVENT : _____ RAINFALL INTENSITY : _____ IN.
DISTRIBUTION : _____

METHOD OF TREATMENT : _____
OFFLINE OR ONLINE SYSTEM : _____

ARE THERE ANY ONSITE WETLANDS : yes WATERS OF THE STATE : yes
WETLAND RESOURCE MNGT PERMIT REQUIRED ? no

IS PROJECT WITHIN 100-YR FLOOD PLAIN ? _____

PERMIT REQUIRED : General MSSW

RESULTS :

25-YR 24-HR STORM :
PRE-DEVELOPMENT DISCHARGE RATE : _____ CFS
POST DEVELOPMENT DISCHARGE RATE : _____ CFS

MEAN ANNUAL STORM EVENT :
PRE-DEVELOPMENT DISCHARGE RATE : _____ CFS
POST DEVELOPMENT DISCHARGE RATE : _____ CFS

TREATMENT VOLUME :
REQUIRED : _____ ACFT
PROVIDED : _____ ACFT

RECOVERY TIME : _____ HRS

OPERATION AND MAINTENANCE ENTITY : _____

DESCRIPTION OF STORMWATER MNGT. SYSTEM : Curb & gutter
to 6 dry retention ponds

IS THE FOLLOWING PROVIDED : (N/A NOT REQUIRED)

- 1). SIGNED AND SEALED CALCULATIONS
- 2). SIGNED AND SEALED PLANS
- 3). SIGNED APPLICATION AND FEE

STORMWATER CALCULATIONS :

- 1). LOCATION MAP
- 2). USGS MAP
- 3). AERIAL MAP
- 4). SOILS MAP
- 5). TOPOGRAPHIC MAP
- 6). FLOOD MAP
- 7). WETLAND MAP
- 8). SOILS REPORT
- 9). LEGAL DESCRIPTION
- PRE-DEVELOPMENT CALCULATIONS
- 10). PRE-DEVELOPMENT DRAINAGE MAP
- 11). OFFSITE CONTRIBUTING AREA 0 AC
- 12). CN, AREA, TC CALCS
- n/a* 13). DEPRESSIONS ACCOUNTED FOR
- n/a* 14). HYDROGRAPH METHOD : _____
- POST DEVELOPMENT CALCULATIONS
- 15). POST DEVELOPMENT DRAINAGE MAP
- 16). OFFSITE CONTRIBUTING AREA 0 AC
- 17). CN, AREA, TC CALCS
- n/a* 18). HYDROGRAPH METHOD : _____
- POST DEVELOPMENT ROUTING CALCULATIONS
- 19). STAGE STORAGE CALCS
- 20). TAILWATER SUPPORTING DATA
- 21). TREATMENT VOLUME ELEVATION
- n/a* 22). STAGE-DISCHARGE-TIME
- 23). REACH DATA CORRECTLY INPUTTED
- TREATMENT VOLUME CALCULATIONS
- 23). VOLUME CALCULATIONS
- 24). DISCHARGE ELEV AT OR ABOVE TREATMENT VOLUME
- 25). WATER TABLE ELEVATION AS RELATES TO GROUNDWATER
GROUNDWATER INFLOW ACCOUNTED FOR? _____
- 26). TAILWATER CALCS
- 27). RECOVERY CALCULATIONS
- FLOOD PLAIN CALCULATIONS
- 28). 10-YR AND 100-YR FLOOD PLAIN ELEVATION
- 29). COMPENSATING STORAGE CALCULATIONS
- 30). BACKWATER ANALYSIS

CONSTRUCTION PLANS :

- 1). PAVING GRADING AND DRAINAGE PLAN
- 2). ALL AREAS DRAIN TO STORMWATER MANAGEMENT FACILITY
- 3). POND CONTOURS
- 4). BASIN SIDE SLOPE : 4:1
- 5). STABILIZATION / VEGETATION
- 6). ACCESS TO POND
- n/a* 7). FENCING
- n/a* 8). POND EASEMENTS
- 9). CONTROL STRUCTURE PROPERLY LOCATED

- _____ 10). EROSION CONTROL PLAN
- _____ 11). POND CROSS-SECTION W/ WATER TABLE INDICATED
- _____ 12). SECONDARY DRAINAGE SYSTEM SHOWN (EASEMENTS, INV ETC)
- _____ 13). DISCHARGE PTS ADDRESSED (PRIMARY AND SECONDARY)
- _____ 14). CONTROL STRUCTURE DETAIL (CHECK AGAINST CALCS)
- _____ 15). SKIMMER, BAFFLE ETC.

FILTRATION :

- _____ 16). FILTER MEDIA
- _____ 17). CLEAN OUTS
- _____ 18). FILTER FABRIC
- _____ 19). SEPARATION

UNDERDRAINS

- _____ 20). 2' SEPARATION
- _____ 21). CLEAN OUTS
- _____ 22). FILTER FABRIC

EXFILTRATION

- _____ 23). 12" MIN DIA.
- _____ 24). 3' WIDTH
- _____ 25). FILTER MEDIA
- _____ 26). SUMPS
- _____ 27). CLEAN OUTS
- _____ 28). INV > 2' ABOVE WATER TABLE

WET DETENTION

- _____ 29). PERMANENT POOL VOLUME
- _____ 30). LITTORAL ZONE 30% OF AREA
- _____ 31). 18" MAX. RISE
- _____ 32). MEAN DEPTH : _____ FT.
- _____ 33). MAX. DEPTH : _____ FT.
- _____ 34). FLOW PATH RATIO (2:1)
- _____ 35). BLEEDER SIZE / INV ELEV.

LEGAL INFORMATION :

- _____ ①) OPERATION AND MAINT. ENTITY AND DOCUMENTATION
- _____ 2). RIGHTS-OF-WAY AND EASEMENTS
- mp* _____ 3). AUTHORIZATION TO PERFORM THE WORK
- mp* _____ 4). EXISTING PERMITS : _____
- ✓* _____ 5). NOTICE OF RECEIPT w/ BACK-UPS.

STORMWATER MNGT AREA SUMMARY

BASIN NO.

CONTRIB. AREA

ON SITE :

OFFSITE :

DISCH. LOC.

WSWT EL

BOTTOM EL

NWL EL

WEIR EL

T.O.B. EL

PEAK STAGE

PAV REQ'D

PAV PROV.

26441-1 202

RECORD OF CONTACT

Application # 40-069-0161A
Project Name NORTH RIDGE
Staff Reviewer COOL

DATE 10/28/94 ON SITE TELEPHONE # () -

To Whom Spoken Tom Knight

Summary of Conversation:

Response to letter 6, dated 10/17/94, is unacceptable. However, since adequate volume is provided no add'l work necessary. Purpose of letter was to ensure future applications will meet rule.

DATE _____ ON SITE _____ TELEPHONE # () -

To Whom Spoken _____

Summary of Conversation:

DATE _____ ON SITE _____ TELEPHONE # () -

To Whom Spoken _____

Summary of Conversation:

DATE _____ ON SITE _____ TELEPHONE # () -

To Whom Spoken _____

Summary of Conversation:

Northridge
Deed Restrictions

10/28/94

- ① Language for drainage / conservation easement
2. VNB - Land cover / methodology
- may want to put
- ③ Grades on recreational tract (or condition or permit)
- ④ Lots 18-20 have swale? indicate & clearly show
flow arrow

~~5. Easement~~

~~lots 178 & 179~~

~~lots 176 & 177~~

~~6. P.P.T.~~

Northridge S/D

9/14/94

40-069-0161A

- O&M ✓ 1. ✓ O&M entity cannot be developed
- P ② "Temporary siding" note: 14 days Sht 2
- P ③ "Lakeport Ret-area" note ref Lake Caspoka Sht 2
- O&M ✓ 4. ✓ Easements - pipes, access, VNB.
- FP ✓ 5. ✓ No impact to 100-yr floodplain - include in plans.
6. Check phasing - see Sht. 5
- P 7. ✓ Erosion control measures upland of VNB.
- 8. VNB see calls rec'd 8/30/94
- 9. Pre-post analysis does not include Basis B-4 & C-4
(pg. 13 of calcs) - see calcs rec'd 8/30/94
- WQ 10. ✓ It appears that A-1, B-1, C-1, M elev w/ S datum 2.
- WQ 11. ✓ Seasonal high wt ^{C-2} A-1 appears low
- P ⑫ ✓ Top of gate elev. B-3, C-1, C-2, C-3. 5-10' above TOB.
- P ⑬ ✓ Berm width
14. ✓ Berm stability
15. ✓ Skimmer
- WQ 16. ✓ Ensure lots 18-20
5 Rec. area sealed
17. ✓ Demonstrate that the proposed project will
~~not adversely affect the natural drainage
patterns such as entrance drive~~