IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # 206532

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4626-99-7637

APPLICANT: CHRIS SUKEENA APPLICANT ADDRESS: 146 PALMER MARSH PL. - Mooresville

SITE ADDRESS: SAME PHONE: 704-360-9424 ALT. PHONE:

SITE DIRECTIONS: BSR, TR BLUME, TL BEATEN PATH, TL CICERO, TL SHAVENDER, TL PALMER MARSH

SUBDIVISION: SHAVENDERS BLUFF SECTION: 3 LOT # 307(A) LOT AREA: 1.01 AC DESIGN FLOW: 480 L.T.A.R.: .75

Septic Tank 1000 (gal) STB 749 Date 10-6-16
Pump Tank 1000 (gal) PT 283 Date 10-5-16
Pump Make GOULDS Model WE05121H Serial #
Nitrification Fields 1 # Lines 6 Linear Ft: 480'
Trench Width 36" Max. Trench Bottom Depth *30"* Gravel Depth —

☒ New System ☐ Repair ☐ Expansion System Type: I II (III)B IV V VI
System Description: PM 25% REDUCTION
Repair System Description: SAME
Maintenance Agreement Required: ☐ YES ☒ NO ☐ GRAVITY ☒ PRESSURE

☒ Residence No. Bedrooms 4 ☐ Business No. Persons ☐ Other No. Employees ☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Used Quick 4. Drainfield installed essentially as drawn. 100ft between well & tanks

11/8/16 Checked tanks & off site drainfield
2/3/17 Not enough pump

INITIAL SITE SKETCH

TAP SIZES
LINES 1,2,3 = 3/4" SCH 80
LINE 4 = 1/2" SCH 40
LINES 5 & 6 = 1/2" SCH 80

off site system

LOT 307A

R 138'
R 210'
R 100'
R 125'
19'
PM
108' 111
104' 101
104' 107
104' 67
56' 58
48' 51
REPAIR AREA

AS BUILT SKETCH

LOT 307

R 261'
R 95'
R 142'
R 30'
R 92'
R 276'
P. WELL
40'
NEW HOUSE
25'
25' 29'
ST
PT
PALMER MARSH

	Initials	Date
Drain Lines Checked	MD	11/8/16
Tanks Checked	MD	11/8/16
Pressure Manifold or Valve Box Checked		2-8-17
Pressure Head Set		1-23-17
Electrical Checked		→
Floats Set		
Alarm Checked		
Maintenance Contract Y / N		

If any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ IMPROVEMENT PERMIT valid without expiration. ☐ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☒ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Date: 11/05/2015 Installed by: Richard Abernathy

IMPROVEMENT PERMIT by: Date: APPROVED NOV 04 2015 OPERATION PERMIT by: Date: 2-9-17

AUTHORIZATION TO CONSTRUCT by: Date: APPROVED NOV 04 2015 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

	S 39°10'41" W	122.40
	N 65°12'15" W	16.25
	S 88°07'17" W	70.02
	N 71°42'43" W	32.35
	N 62°13'04" W	12.12
	N 15°45'56" W	61.66
	S 28°29'20" W	24.03
	S 28°29'20" W	43.44
	S 16°12'41" W	53.58
	S 10°29'54" W	52.10
	S 06°27'14" E	27.76
	S 21°19'53" W	53.34
	S 26°54'06" W	95.52
	S 77°08'07" W	26.44
	S 89°23'48" W	57.41
	N 54°04'12" W	15.02
	N 18°53'17" W	9.93
	N 00°57'47" W	32.63
	N 65°12'15" W	19.59
	S 15°45'56" E	5.49
	S 66°14'47" E	15.97
	N 74°31'17" E	17.47
	S 09°58'16" E	35.71
	S 32°28'39" W	18.45
	S 08°02'34" W	24.93
	S 69°55'16" E	27.98
	S 71°29'15" E	18.56
	S 81°37'50" E	10.23
	N 51°12'22" W	103.24
	S 82°54'49" W	15.80
	N 61°13'46" W	69.69
	N 88°06'36" W	76.06
	N 65°05'22" W	6.40
	S 22°09'45" W	18.16
	N 64°53'38" W	10.89
	S 77°45'38" W	42.69
	N 81°37'50" W	36.89
	N 01°24'14" E	45.00
	N 66°02'30" W	183.49
	N 82°54'49" E	102.59
	N 69°29'50" E	97.72
	N 01°47'34" E	35.32
	N 49°19'35" E	41.40
	N 59°10'26" W	87.92
	N 51°12'22" W	66.58
	N 19°47'16" E	70.16
	N 28°15'19" E	122.07
	N 26°37'22" E	182.98
	N 67°28'33" E	96.38
	N 39°28'00" E	173.75
	N 51°12'22" W	36.66
	N 58°58'49" E	80.00
	S 41°42'20" E	132.15
	N 57°26'49" E	100.00
	S 65°54'06" E	138.13
	N 16°45'56" W	125.00
	N 57°21'32" E	144.91
	S 54°42'47" E	121.93

LINEAR FEET OF ROAD: 785
(ON THIS PLAT)
SMALLEST LOT IS 0.3371 ACRE OR 14,684 SF

CONCRETE MONUMENT
INDICATES STREET ADDRESS

DB 733 Pg 657
DB 727 Pg 325

* All Pipes 3"
SDR 13.5

N/F
HELEN O. MISENHEIMER
DB 710 Pg 855

NC GRID COORDINATES
N = 669,974.3705
E = 1,430,248.8652
PB 25 Pg 8 (NAD 83)

N/F
TONY CARL BROWN
DB 733 Pg 657
DB 727 Pg 325

S 01°24'14" W 1201.34' (TOTAL)

314A
0.3772 AC
16,429 SF

313A
0.5265 AC
27,292 SF

312A
0.6265 AC
27,292 SF

313
0.6995 AC
30,471 SF

312
1.0673 ACRE
46,489 SF

314
0.9167 AC
39,932 SF

315
1.8413 AC
78,901 SF

309A
0.5305 AC
23,107 SF

311A
0.5301 AC
23,091 SF

311
0.9984 ACRE
43,489 SF

316
1.4416 AC
62,794 SF

308A
0.3426 AC
14,922 SF

310A
0.4161 AC
18,124 SF

310
1.1081 ACRE
48,270 SF

307A
0.4204 AC
18,312 SF

309
1.0597 ACRE
46,161 SF

306
0.9838 ACRE
42,853 ACRE

307
1.0078 ACRE
43,900 SF

308
1.1960 ACRE
52,095 SF

305
0.6867 ACRE
30,000 SF

304

326 PB Pg

325 PB Pg

PHASE THREE
SECTION A

324 PB Pg

323 PB Pg

TYPICAL BUILDING SETBACKS

50' PUBLIC R/W

PALMER MARSH PLACE

20' DRAINAGE EASEMENT

50' LAKE

ZONING R/A

ZONING LINE

ZONING R/20

BACK OF CURB

R/W

N/F
LAVENDER DEVELOPMENT GROUP, LLC
DB 974 Pg 889