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Forestry Suppliers, Inc.

1-800-647-5368

#49354 Level Book

[illegible]

Indian Creek Spring #3
(Swamp Spring #3)

This spring is large for this group and off to the side of the channel, entering on left side at the spring #4 (with gauge). Circular spring bowl depression, ~ 35' diam, short run, ~ 40' long, coalesced with Spring #4 pool. Small boil over vent in center. Blue, clear H₂O. Totally wild, dense canopy to spring and run. Conical depression. Detritus around pool. Sandy in vent. Logs in vent. Depth 10.2.

29 05 34.67 N
82 25 15.19 W

Indian Creek

Spring # 4 : Depth 15.5'

Clear H₂O. Circular bowl shaped depression ~ 80' diam. Staff gauge on NE side of pool. Limerock boulders on bottom with sand. Fair amount of filamentous algae & detritus in pool. No boil today - little flow. Vent in center on bottom. Indian Creek comes in on NE side and flows out larger on SW side of pool. Creek below #3, #4 is 15' wide & 2' deep. Indian Creek upstream is half the size. Water yellow-greenish. Small opening in canopy overhead.

29 05 34.81

82 25 16.20

Indian Cr. Spring # 2:

Just upstream on Indi

Creek to the NE is this spring, in view still of #4. Again this spring is in Ind Cr. channel it is a widening area with 2 small conjoined conical depressions in sandy bottom. Each small depression is ~ 6' diam. Depth 4.2' over on vent. Water clear slightly brown. Pool N-S measures 35' shallow. Run depth is 1.5' average 5' wide.

29 05 35.66 N

82 25 15.71 W

Pool sandy bottomed widening of Ind. Creek. Oval pools with 2 conical spring depressions. Canopied by dense swamp for. All lowland.

Couldnt find Indian Cr #1 wide swampy clear water area.

This spring pool is just N of the swim area and has a wooden hand rail along west side of pool w/ an interp. sign. To the N is a steep high sand hill all developed in to state park. West vent has outcropped rock. No run virtually is adjacent to upper head spr. pool.

29° 06 09.68 N
82° 26 16.37 W

Rainbow Seep #1:

This seep is due N of Rainbow spr. #1 and right at the bank/water interface. It's under a large overhanging Live Oak. Emerges from the base of the high sandy N bank. Elevations to 25'. Lime rock rubble bottom. Sloping out Spring #1. Depth near bank

averages ~ 3'.

East Seep:

This spring trickles from a horizontal crack (3' horizontal) some 6"-8" diam holes along crack -- all at the base of the North high sandy bank of the head spring area. This is ~ 50' East of seep #1 along the ground/water interface. Some lime rock boulders outcropped at vent area. Sand & rock rubble bottom near vent. Sort of up a small cave on NE side of head spring area. Palm trees overhead on steep sand bank.

29 06 09.71 1' deep off
82 26 14.47 from seep.

Rainbow Head Springs area:
4-2-03

Rainbow Bridge Seeps 2 springs
(north + south):

These seeps emerge from the base of an 18' high rock + sand steep bank. Clear groundwater pours from what actually is a connected bedding planar horizontal fissure. There is a north and south emerging rivulets with small ones in between. Length of seep is 40' horizontal.

29 06 06.92 N

82 26 15.84 W

Man-enhanced rock wall with veg overgrowth where springs emerge. A 10' wide wooden walk bridge goes over the short run. The short run, ~40' long, sheet flows thru grass and into the large

head springs pool just below the swimming rope. Clear H_2O . Depth averages ~1'. The wall here is obscured by vines, boulders contain chert. Canopied. Part of the State Park rec. area.

Rainbow North Spring
(our terminology) may not be described.

This spring pool is the uppermost or north-most cove of the head springs area. The pool contains two sandy boil areas, each being its own small bowl depression. Sand being discharged in upwellings. The pool is 60' E-W, and 45' N-S. Depth is 5.9' over. West vent. West vent is larger than east. 50% natural eq. veg and sandy bottom.

Rainbow #2 37 yds S

of Rainbow #1 in the open communal spring pool. Boil over bowl-shaped vent. Dark blue hole visible from surface, 9.5' deep. 20' diam depression on bottom of spring run. Much natural aq. veg in depress. Rock near vent. Blue, clear water. 30' East of SE corner of swim area.

29 06 08.32 N

82 26 14.18 W

Rainbow #3

On bottom of upper run area just 90' due S of spring #2. A deeper hole on bottom of river. Vegetation thick, rich.

Rock boulders. No boil on surface. A log over vent and into vent. Sandy & rocky. 11.6' deep. Crystal clear. 20' roughly circular diam.

Waterfall Springs 4-3-03

RCM, RPM

This spring is a 57 yd long clustering of sandy boil areas. There are two main pools conjoined N-S, each containing dozens of small sandy upwellings. Aquatic veg, sticks, leaves and detritus intermingle w/ light colored sand boil beds. On the N end is a handrail as well as an incoming clear stream that cascaded into N pool. The stream is composed

of re-directed river water.
Upstream is a 25' tall man-made waterfall approx. 75' from pool. The entire E bank is steep slope w/ dense palms / hard woods. The spring pool area is canopied by several large oaks. A wide, splayed out run sheet flows into the E side of the upper Rainbow River. The place is a mosaic of colorful sand rock and veg. Depth over S pool is 3.5'. Run length West is 220'. width is 200'. Ave depth 2'. Walk way in and around stream & waterfall.

29 06 05.27 N
82 26 08.38 W

Rainbow #5

Depth 12.6'. N-S 40' x 20' EW.

This is another river bottom spring on the W side of river approx 50' upstream from S.P. boundary. Clear blue H_2O . Elongated bowl depression. Beautiful oel grass surrounding. Many separate boils and vents on bottom. No boil on river surface. Many limestone boulders and light sand deposition. W side of river dense veg with an embedded walkway maintained by S.P.

(Rainbow) Cave Spring:
previously undescribed.

On W side of river bowl shaped circular depression on river bottom. Bedrock limestone and sand. Water issues from a cave on the N side of the depression large enough to fit in several divers.

Feel grass surrounding. Nice
boil on river surface.
Clear, blue H₂O. Depth 15.9'.
Indian Creek enters the River
on the East side of river
60 yds (180') due E of this
spring. There are grassy
islands both above and below
this spring in the river channel.
Also, the surrounding line bedrock
is heavily cracked and small
vents & sand boils are numerous
in which, circular depress ~ 5' diam

29 05 24.78 N
82 25 33.26 W

This spring is issuing
the most water of springs
visited thus far. 2nd Mag

Indian Creek mouth!

29 05 25.35 N
82 25 33.05 W

Rainbow #8
Couldnt find. Get
noter from SWFWMD
down from ramp.

June 5 2003

Brunson Landing Spring

Re-visit to second mag
sample. Adding description
Water sky blue
Slight boil today in center
over vent.

Depth 12'

Noticeably more flow than
Feb 2002.

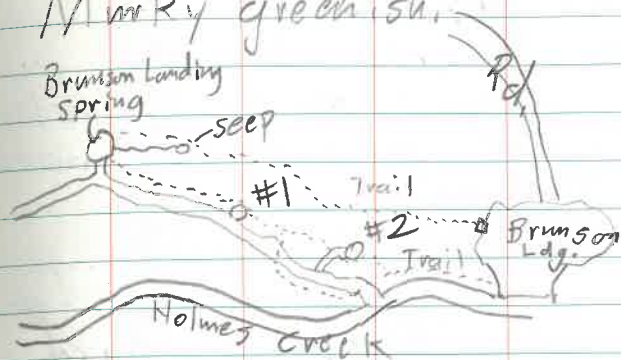
Run travels 20' S, then
splits in two. SE moving
stream is largest. SW
is barely flowing. Both
meet Holmes Cr about
200 m away.

Several logs in pool
Crystal Clear.
Completely in natural
flood plain setting.
Jumping platform.

A tiny stream from a
tiny nearby seep comes
into pool on E side. Tiny
trickle today ~ 6th mag
Took tons of pics

- Two other nearby springs
east of Brunson Land. Spr. $\checkmark$
that flow into BLS creek
- #1 This first is 200' due E
and nearly adjacent to
BLS creek on N side. Circular
15' diam. No boil, clear.
Bowl-shaped, mucky bottom,
No boil, barely flowing. 4'
deep. Under dense canopy.
No GPS.
- #2 Next spring is another 200'
ESE also on N side of
BLS creek, just 100' N. of

Holmes Creek, Circular.
2' deep. Barely flowing. Mucky.
40' trickle run to BLS cr.
Dense canopy. No GPS
Murky greenish.



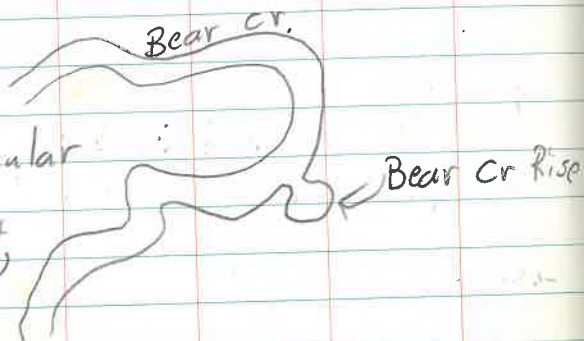
Bear Creek Rise

6-10-03 RCM, RPM

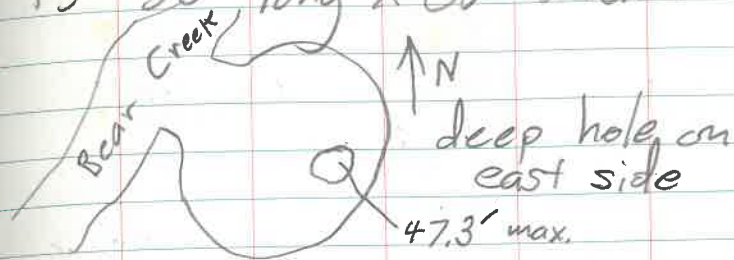
pool diam: circular 100yd 300'diam
 pool depth: 47.3' max
 pool color: black water
 veg: emergent marsh perimeter
 surrounding: open brackish marsh

Description: Bear Creek Rise is a sink hole, inundated, connected to the edge of Bear Creek. Bear Creek meanders along the lower Ock. Riv. thru forest & marsh. Both ends are connected to the Ock.

Large circular pool.
 Very short, virtually no run.



Short Run averages 6' and is 30' long X 50' wide.



The NW side of the pool is connected to Bear Creek. Tidally influenced. Wild, undeveloped surroundings. Boat access only.

29° 58 54.23 Lat
 84° 27 47.48 Long

Near or in St. Marks NW R.

Artesian Well Springs Group
 Pamacea Mineral Springs

Spring #3 6-10-03 RCM, RPM
 pool diam 18" in a well opening
 color: brown murk

depth: 2.4'
veg: none

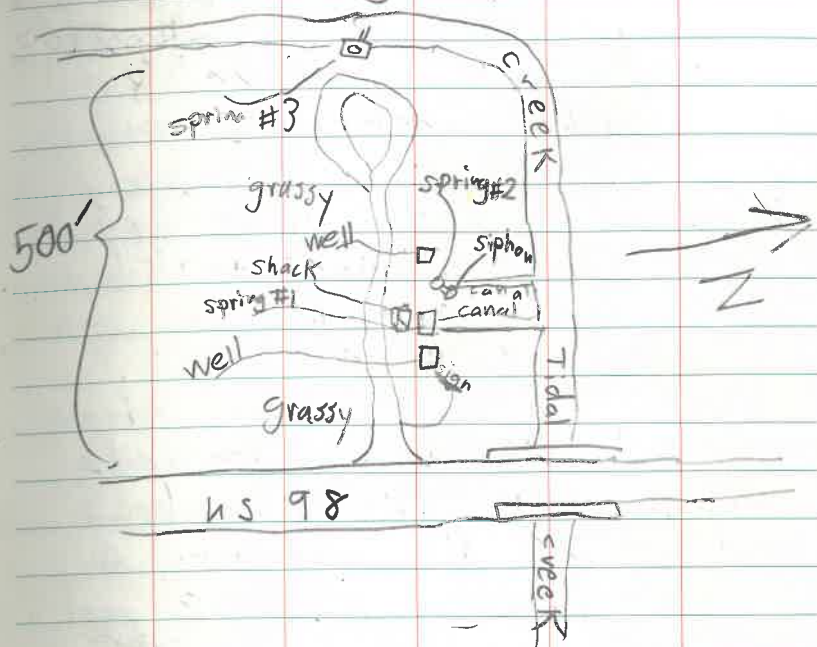
surrounding: a city park
with picnic tables.

Description: Spring #1 is
the farthest upstream
on ? creek. It is
enclosed within a round
orifice in concrete slab.
A roof on brick columns
covers the orifice. A
round iron pipe channels
murky, brown H_2O from
within the 1' round depth.
1' run width. Run length
6'. Run discharges into
an adjacent stream.

#3 30° 02 06.13 N
84° 23 26.19 W

US 98 is 500' to the SE.

The spring is trashy.



Spring #2:

pool diam: 2'

color: clear

veg: grassy + brown algae

depth: .2'

surroundings: grassy city park

30 02 04.87 } #1
84 23 23.61 }

Description: Spring #2 is a small boil emerging from the head of a 2" deep, 100' long canal that leads into a nearby creek. Water levels are so low, there is barely a trickle. The run is dry except for a 2" deep trickle.

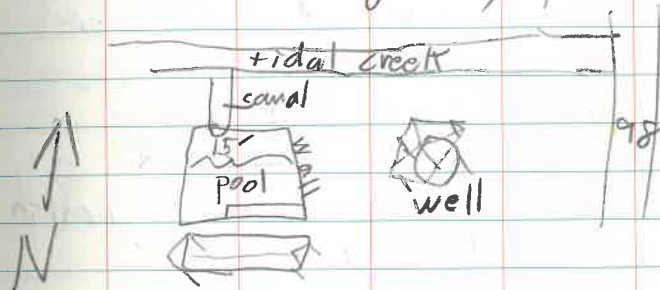
30 02 04.98 } #2
84 23 24.30 }

that leads into a concrete orifice along the canal run about 3' down stream. A little siphon. Spring #2 pool and canal have been entirely man dug. Wouldn't exist otherwise. Dry conditions are such that the rest of canal is dry. Canal 3' wide & 2' deep and runs North 100' into tidal creek.

Spring #1:

dimensions: square, enclosed by concrete walls. 15' x 15' depth: approx 5'. color: murky brown veg: brown algae

surroundings: a roofed picnic area adjacent on South also a roofed well opening enclosed in red brick wall to E -- clear water. The rest is grassy park.



Description: Spring #1 is a man-made, dug spring with concrete walls intended

for soaking in mineral water. This is another artesian well spring in this group. The largest to accommodate soaking. Place may be a century old. Concrete walls cracking and bending. Canal, short, runs N into tidal creek. 1' deep & 1' wide. No flow today. Stagnant & filthy with a floating full trash receptacle.

6-11-03 Sally Ward Spr.
RCM, RPM

pool dimensions: 40 yd diam
" depth: approx 8' ?
" color: clear slight greenish
" veg: Hydrilla

surroundings: Wakulla Sp Sp.
lowlands w/ swamp forest

Description: Sally Ward Spring is an undeveloped spring along the entrance road into WAK SP. It flows NE-SW and into the top of WAK River near head spring. Run average 100' wide and ~ 5' deep. No boil today. Thick Hydrilla BIG Gator! Spring is roughly in the center of an opening in dense swamp forest on S side of access rd. ~ 200 yds from entrance gate. A swampy stream flows into the spring pool from under a bridge on NE side. Tannic stream. Distance to WAK R. get on Arc view Banks are all low

30 14 28.35

84 18 39.60

No Name Spring with Scott Savory, Richard Harvey

pool dimensions: 25' diam circular
depth - 16'
color - clear, blue
veg - all natural

surroundings: All natural lowland
swamp. Heavy forest.

Description: Run 300 yds
long East to WAK.
No Hydrilla in this run
ever (Scott). Pool circular
Ave. run depth 1.5', width
50'.

30 12 53.28

84 15 59.34

Higher ground to S slopes
up to ~ 6' higher. Sand
bottom. Beautiful natural
perfect vertical, forceful

boil. Conical depression
Roots around edge.

Epitome of gorgeous
natural wild spring.

~~Unnamed~~ (McBride #2) ~~Spring~~ Nick Wooten North Side Spring #1

pool dimension: 45' x 30'
depth: 10' approx
color: milky blue
veg: all natural

surroundings: heavy dense
low forest. 3' high ground
on N side.

Descr: Oval pool, conical
depress. All natural including
~ 1 mi long run. Slight boil

on pool surface. Sandy, detritus bottom. Run averages 1' deep, 30' wide. The run looks like it is just flowing thru a low area with trees & plants growing throughout. On the N side, there are old bricks hidden in leaf litter denoting an old house/mill. All is wild, wild, wild. All native veg.

North Side Spring #2 6-11-03

Description: 50' West of #1, a small, blue pool, 15" diam, within the wide shallow run exists. Pool 3' deep, bowl, sandy, slight bail. Boils up from run bottom. Milky blue. Native Veg. In state park no public access.

McBride Spring 6-11-03

dimensions: 50' N-S
depth: 7'
color: milky blue
veg: mixed w/ Brazilian Elodea
surroundings: Dense lowland forest.

Description: McBride spring is within heavily forested lowland, located along a Karst subsidence corridor dotted with sink holes along its upper reaches and ~~becom~~ becoming a spring run that flows into upper WAK R. Good 3rd mag flow today. McBride slough begins with the spring and flows ~~W~~ south ~ 2 mi. to WAK R. All natural & wild. 267 bridge goes over slough

300' downstream from spring.
Popular swimming hole at
bridge, but not allowed
at spring. Run averages
2-3' deep and 30' wide.
Sandy bottom & some
limestone gravel. On NW
side of spring there is
a wooden dock & a hunter's
open-walled shack. Land
private, leased to hunt club.

BAY COUNTY
Pitt Spring 6-12-03
R2

pool dimensions: 60' diam circle
pool depth: 8'
water color: aquamarine bluish clear
veg: none

surroundings: well done WMD
park with thick forest
surrounding. Mixed hardwood.

Description: Pitt spring is
a developed WMD park along
the NW corner of Econfina
Creek and SR 20 intersection.
The spring pool, circular is
in a cone-shaped depression.
All white sandy bottom. Entire
pool enclosed by 5' high
stone retaining wall. Wooden
access walkways around
pool. Stairs into pool on S
side. Run flows E 50' into
Econfina Creek. → Today
black water. Slight boil
on surface. Very popular
swim/rec spot. Run are 1.5'
deep, 12' wide, short.
Park has facilities & nature
trail

Sylvan Springs --

From parking lot of Pitt Spring
take a walk on the nature
trail westward that leads

directly to Sylvan Springs.
Along the trail, there are
other unnamed small springs
that are not flowing
today -- at least 2. Sylvan
pool is shallow and
rocky-sandy bottom. Pool
~1' deep. Pool oval, shallow
wide. 4 prominent boils
emerge vertically from
bedrock limestone near
the W side of pool where
8' vertical banks meet
pool edge. Springhead is
a wide, shallow area
with an forested island
Is. 40' long N-S



Deepest vent
2' deep, pool
ave 1' deep,
sandy, rocky,
mucky.
4 vents are
along a limestone
fissure.

There are other

Sylvan spring #2.

190 yds from parking lot on trail
In between Pitt and
Sylvan directly along
nature trail on adjacent
right side is Sylvan
#2. Circular pool, 20' dia.
Stagnant greenish H₂O today.
Noticeable deeper spot ~3'
in center where water would
issue -- but not flowing
today. Run is as wide
as spring, flows NW
into Sylvan spr. run, then
into Econfin Cr. Run
averages 2' deep, & stagnant.
Inside dense hardwood forest. Low
Econfin Unnamed Spr Banks

About 50' to the SW and
across the foot trail,
from Sylvan #2 is another
spring. Today, it was

Stagnant and not flowing. It is 30' S of the foot trail and under a dense hardwood canopy. It has an irregular shaped pool ~ 10' W-E and 15' N-S. It's shallow (1' deep) and a narrow run (~ 15' wide) run. Stagnantly stretches southward thru heavy hardwood forest under SR 20 bridge, then into Econfina Creek. Sandy detritus black bottom. Water clear w/ slight murk. Low bankts.

Merritt's Mill Pond Shangri La Springs

June 17 2003
R²

pool diam: circular spring core
40' diam.
pool depth: over vent 7'; pool area 5'
water color: light blue

Apple snails @ all Pond springs

veg: 40% pool coverage, native surroundings: Merritt's Mill Pond on the S side, heavily forested limestone bluff 40 N.W.

Description: This is a dazzling spring est. large 3rd mag, on the N side of Merritt's mill pond 315 yds down from Jackson Blue vent. The spring occupies a spring cove on the N side of the lake. The pool area is a rough circle. The ^{main} vent produces a nice boil just 5' out from NW limestone cliff. The cliff face is 20' vertical. A large, room-sized boulder sits as an island boulder in the south side of pool, with lush green ferns & plants all over it. The entire N+W edges of pool are covered in lush green ferns & veg. H₂O blows S into Merritt's Mill

pond. No run. Over 1 dozen metal posts along pool edge on NW side, all 2' higher than H₂O surface. Sandy bottom with rock in & around vent. One lone scraggly cypress 35 yds SE of vent and lake-ward (in lake). Another smaller vent 18 yds E of main vent along a limestone fissure. Small boil out of a crack. This vent is on E edge of Shangri-la pool.

Twin Caves Spring

6-17-03 R20

pool diam: oval, 25' E-W, 50' N-S
pool depth: 18.5' deep over N vent.

color: light blue

veg: algae clumps, very little veg.

surroundings: All sides are clear water, lake with widely scattered cypress trees.

Description: This spring is on the bottom of Merrill's Mill Pond on the S side of the pond in a scattered cypress area. Landmarks: spring is 30 yd NW of a newly constructed wooden swim platform between 3 cypress. And the spring is even with the string of 5 white caution net area buoys across mid pond exactly between the 2 southwest buoys. Approx 700 yds down from Jack blue vent, spring pool oval with 2 cave vents, N+S. N is deepest and vertical (18.5'). Sandy rocky bottom. Two logs over N vent, about 9 ft 8" under water. Appeared not flowing today, stagnant. Jack Blue park & grass bluff visible 700 yds NE. Wild, but sees much swimming

Hole in the Rock Spring

6-17-03

pool dimen: 30' E x 20' N S

pool depth: 13.6'

color: light blue

veg - good natural all around
vent opening.

surroundings: To S, is a 25'
high mess, fern, and tree covered
limestone vertical bluff.

To N is the expansive will
pond.

Description: This spring is
an inundated cave at the base
of a vertical limestone cliff.
No or little flow apparent.
Can see cave opening on SE
side of "pool", ~10' wide
dark opening. Limestone ledge
over opening, 15' out from cliff
face. Very wild, but much swimming
and diving. A small wooden
platform on NW side of pool
edge. Spring itself under canopy.

From boat ramp at end
of Hunter-Fish Camp Rd,
spring is approx $\frac{3}{4}$ mi upstream
toward Jackson Blue and
on right/S side of pond,
even with where 3 2' high
PVC pipes stick up out of
water containing/holding
a wire mesh trap. Spring is
80' SE of this, and along
or near banks. Banks are
25' high vertical, then go to
perhaps 50' maximum elev.

Heavy forest & ferns, lush, green.
covered rock, sandy & rocky
bottom.

Gator Spring R²

6-17-03

pool dimen: not really a pool
a cave at the base of a lime
stone wall, 15' high. Cave at
bottom 5' is inundated. Cave
shape is an upside down V
shape crack with a smaller

Λ-shape crack cleft at left
3' away,
depth: 5' just out from
Cave.
color: clear, blue-greenish.

veg. little or no aquatic veg
at cave entrance, and just
out to 20'

surroundings: The SE banks
are up to 50' high and
densely wooded. To N
is the expansive mill pond.

description: This spring is
an inundated Λ-shaped
crack cave at the base of
a 15' high limestone wall banks.
About 50' of the bottom portion
of the cave is inundated,
and noticeable flow issues, no boil.
The spring is directly across
the pond from the Hunter
Fish Camp Rd. boat launch,
200 yds to SE exactly at 15'
high rock banks.

The above surface rock wall
is adorned with lush green
ferns and plants, all under
a dense hardwood canopy.
Sandy, rocky, loggy out from
crack shaped opening in lake
edge. Not really a spring
pool. From base to top, the
Λ-shape crack is about 10'
tall, half above, half below
surface.

Waldo Spring 7-1-03

SW, NW, SW

R2

Joseph G. Taylor
584-7771

pool dimensions: 60' N-S x 132' E-W

pool depth: 8' over boil

water color: blue-greenish

veg: large brown algae mats

Fair amt of algae cloaked
veg around edge

surroundings: Planted pine
flatwoods

Description: Waldo is a local favorite swim hole in ruins. It has low sandy banks, grassy. Brush grown up around edge. Sandy parking clearing on S side. Large lime boulder string preventing cars from driving to edge. Much algae & organic oil slick. Narrow run 12' wide choked with brown algae. Some Cypress on N side. Run is camped and flows short dist NE into the nearby Fenn holloway River. Live oak grove on NW side. Spring pool may have been dredged long ago to make suitable for swimming. Grassy swaths on S & W side of pool. Mr. Taylor said the place was hopping 5 yrs ago & flowing much more. Looks about mid-3rd mag today.

Vent is on West edge of pool, against 3' high sandy bank. Nice boil over vent. Rest of pool looks grumpy & stagnant. Many ~~R. sp.~~ *R. sp.* juveniles around edge.

8-5-03

R², Silky

Econfina Cr. Bluff Spr.

~~Thru~~ ~~Spring~~ 250

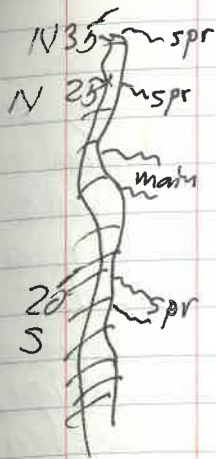
yds down from Gainer. on the right coming out of limb bluff base.

pool diam: 10' diam... stream emerges from bluff base

pool depth: 2.7' near vent
color: yellow-greenish

veg: no aquatic
surroundings: dense mixed
hardwood forest along
Econfina Cr.

description: ~~Suggested~~
~~names~~ 2 Bluff Maiden hair
Called ~~Maiden~~ unnamed
springs in Springs fever.
This spring emerges from
base of 20' high vertical
Limestone Bluff. At least
2 other small vent emergences
just up stream 25' & 35'
upstream respectively.
Sandy bottom. 30' shallow
run heads E into Creek.
Bluff on W side. Springs
emerge from fissures in
the limestone bluff.
Ave depth 2' of run.
Another spring 20' south
of main one along bluff.



Little King Spring

8-12-2003 RCM, RPM

diam: 25 yds diam roughly circular.
depth: 15-20'
color: deeply tannic from heavy,
heavy rain.
veg: little.

surroundings: The surroundings
are dense lowland swamp w/
hardwood forest. Now very wet.

Description: Little King spring is located in dense hardwood swamp. It has a nice wooden walkway built around entirely around & a wooden bleachers on E side for presentations. The pool is in a circular bowl-shaped depression, low organic soil banks. Limestone near. 2 vents. An east & West vent not visible today. Water is clear in dry weather. Run averages 2' deep, 10' wide, & flows thru swamp and disappears. Flows West. Run & Spring sandy & organic bottom. This spring is located on far western side of Carath Camp.

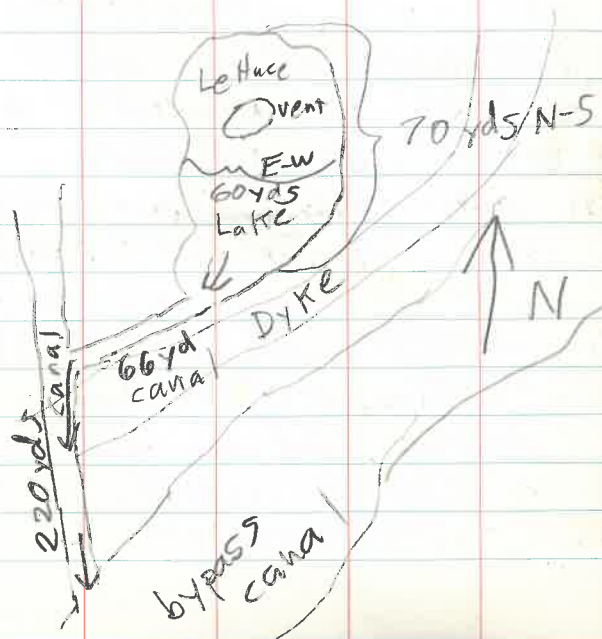
King Spring: 8-12-03

dimensions: 25 yds N-S; 15 yds EW
depth: ~ 8' may est.
color: tannic H₂O in pool, clear vents
veg: little
surroundings: dense hardwood lowland forest.

Description: This is a wild spring with a small tract on E side. Elongated spring pool. Nice small boils with 5'-8' long rivulets emerging from the base of the sand hill on E side of pool. 3 such boils & rivulets. At least one small vent & boil in pool center. Pool water tannic. Boils on E side outflow clear H₂O merging w/ tannic water in pool. Boils on E side coming from limestone cracks. Limestone on E side. All natural banks & surroundings.

Sand hill rises to 8' on E side. Swamp on West side. Located at NW end of Canuth Camp, just off property. Private owned but accessed thru Canuth.

Le Huce Lake Spring
8-13-03 R²
at SWFWMD



depth: 8.8'
color: Clear H₂O today (slight blue)
veg: some water lettuce around perim.
surrounding S: lowland swamp
with patches of hardwood
forest cover and burms.

description: Lettuce Lake Spring is a natural spring that has been altered a bit due to the construction of the Tampa Bypass canal. The spring pool is a shallow, clear water pond with a detritus bottom visible thru clear H₂O. One 8' gator today. The natural vent looks intact in the center of the pond. Some pine rocks exposed near outflow where dug out. The natural spring run is altered by a burn and canal on S side. Outflow travels down a canal SW 66 yds, then into another canal,

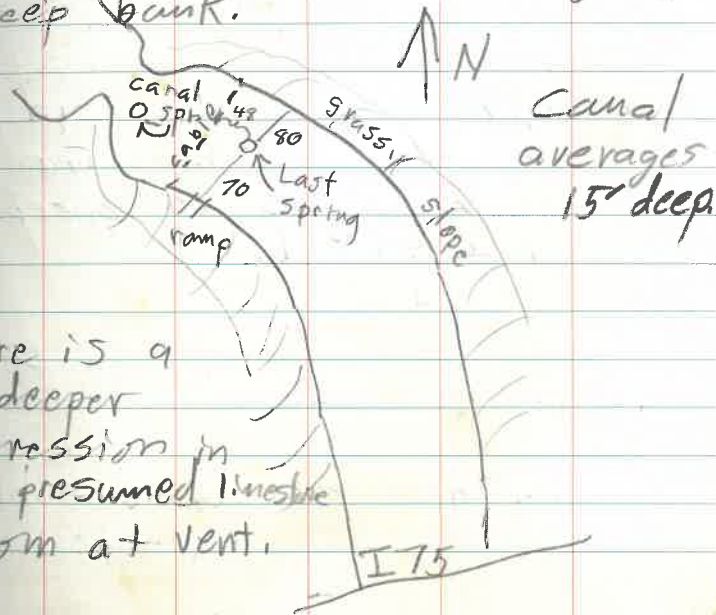
and flow the goes
S for 220 yds into the
massive bypass canal.
Outflow canal is 1' deep
6' wide & choked w veg.
The vent is in center of
crystal clear, cal pond. All
brown detritus bottom. Vent
is circular & bowl shaped.
No boil, no vent opening!

Last Spring: 8-13-03

pool dimensions: N/A = boil
emerges from the bottom
of the Tampa bypass canal.
depth: 20.1' over boil
veg: none
color: clear w/ particles
at boil, tannic canal
H₂O surrounding.
surroundings: Tampa Bypass
canal water & high, steep

grassy banks.

Description: Last spring
emerges as a voluminous
boil from the bottom of
the Bypass canal. The
boil is located approx 1/2 mi
N of I-75 bridge. It is
48 yds S of the "No boating
beyond this point" cable barrier.
70 yds E of W bank boat
ramp, 80 yds W of E grassy
steep bank.



Large boil easily detectable.
Today, spring H₂O clearer
than surrounding canal #20,
but still a little tannic.

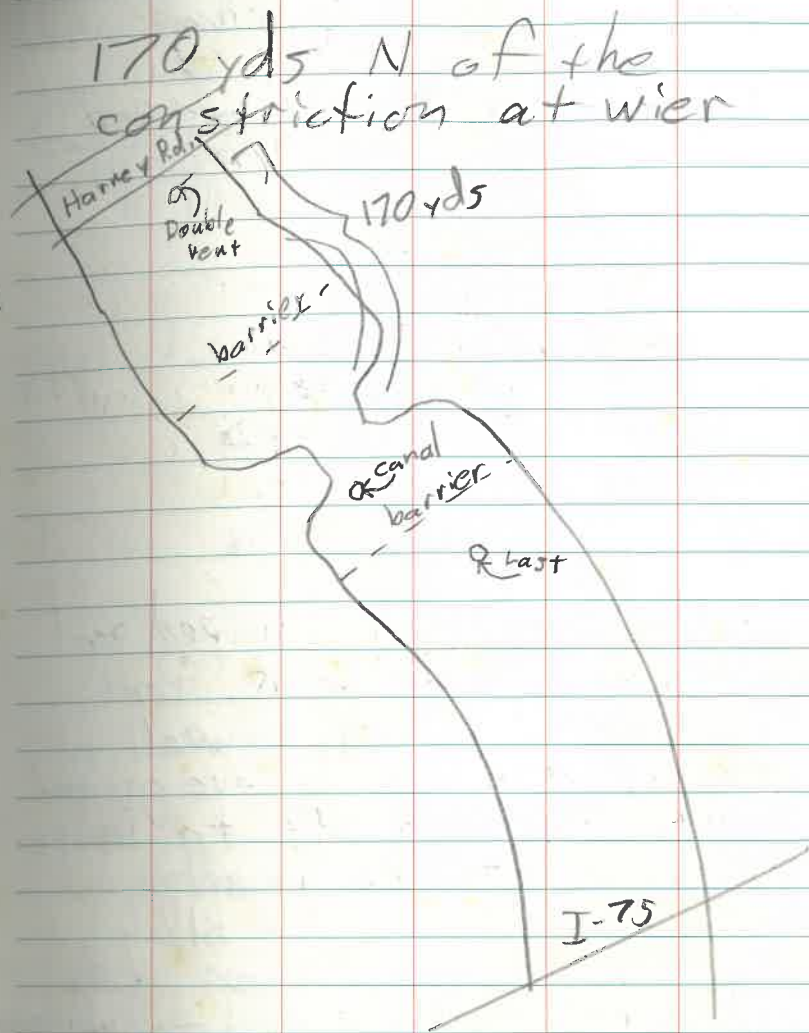
8-13-02

Canal Spring (unknown boil)
north of last spring 50
yds N of cable boat barrier,
25 yds S of constricted
wier structure nearer to
W bank.

This is another boil
emerging from the bottom
of the canal, producing
a nice size boil. Can't get
to by boat. The canal
here averages 15' deep.
Easily seen boil.

Double Spring 8-13-03

emerges as a boil from
bottom of bypass canal



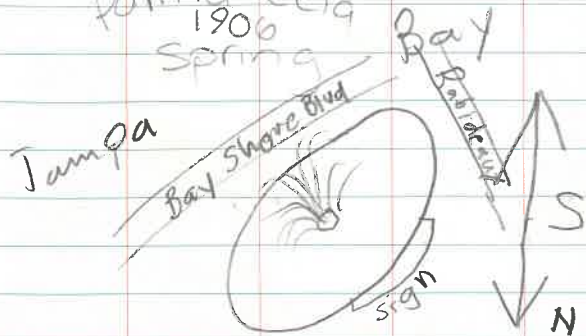
Palma Ceia Spring

8-13-03

in Fred Ball Park (City of Tampa)

Encircled by cement wall engraved

Palma Ceia
1906
Spring



20' x 30' oval shaped pool within a city park. Pool encircled by rock wall since 1906. No above ground outflow. 75 yds to Tampa Bay, past the nearly adjacent Bayshore Blvd. Spring essentially on NE corner of Bayshore & Rudolph St. Big fountain in center of pool. Water murky green. Wall covered in landscaped

vegetation.

Crystal ~~Beach~~ Spring

8-14-03

R² D. Dewitt,
Chris Jamlinson

pool diam: roughly circular
40' diam, bowl shaped depression.

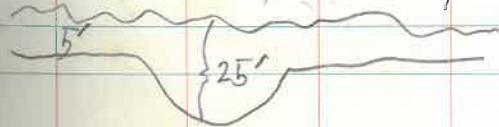
depth. 25' to bottom near vents.

color: clear

veg: some sea grasses

177 yds due W of
Crystal Beach.

Large boil emerges from
bottom of Bay.
Bowl shaped depression.



Sandy & limestone bottom
w/ barnacles. Huge strong
boil, intense halocline

Health Spring 8-14-03

20 yds

Flows

Tidal
creek

also called Wall
Springs.



spring pool encircled by a wall
about 2' high.

Spring located at end of
Brevard St. off of Alt. 19
just above Crystal Beach.
In town of Wall Springs.

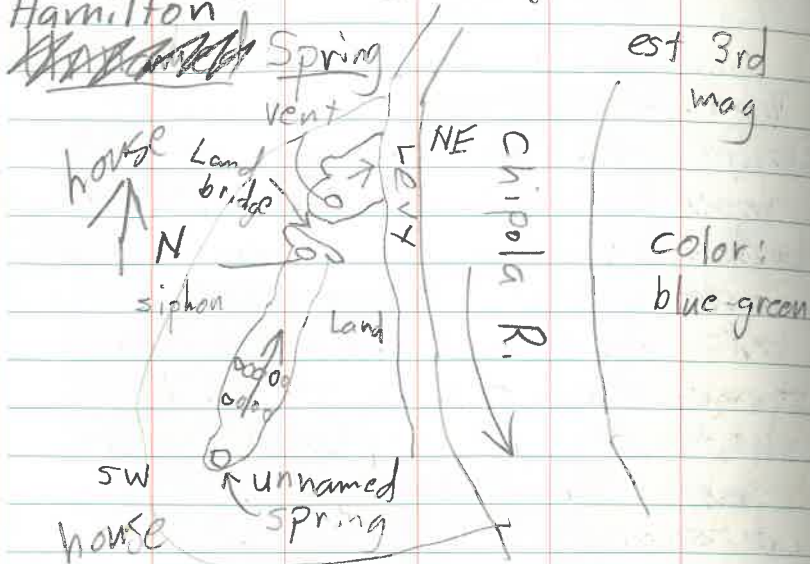
The spring is within Wall
Springs park, a Pinellas
county park. On the north
side of pool, there is a 3'
wide gap in the wall that
lets out the spring flow.
Spring water travels north a
short distance into a tidal
creek inlet. There is a
decent flow pouring out of
spring outflow. Murky greenish.
Can't get thru 2 chain link
fences that protect spring.
No depth measured. County park
surroundings

Chipola River Springs

8-21-03

RCM, RPM, Angela Chellette

Hamilton



100 yds long run, complicated w/ siphon & reemergence

3-4' deep run

25' width run

Spring vent comes out of base of steep bank 15' high on S side of pool. Spring pool 30' N-S 20' E-W. Vent in S end.

averages 2' deep. Sandy rocky bottom. 2 1.5" PVC pipes lead down from a house atop hill on W side into vent. 2 concrete brick retaining walls in channel, both submerged now. Run is 70 yds long then flows under a narrow land bridge, re-emerges 20' later at another vent, then enters river under another Levy land bridge. Slight boil today. Wooded surrounding. 35' high steep bluff to South with big house. One house 150 yds S, another 100 yds W.

Sally Spring 8-21-03

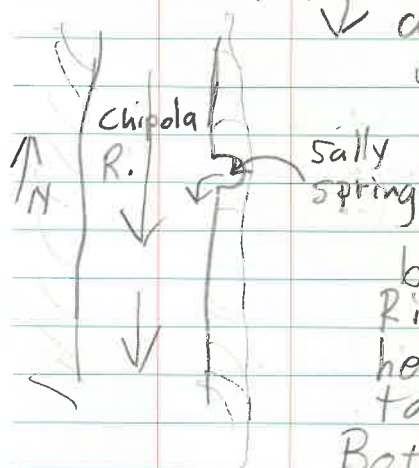
RCM, RPM, Angela Chellette

pool diam: 15' diam rough circle
depth: 4'

color: clear w/ light green tint
veg: no

Surroundings: River to W,
Forested River corridor on E.

Description: Sally Spring is a pristine little spring along the E banks of the Chipola River. Its waters flow from the base of 15' high banks. The spring pool is a small circular cove along the high banks and flows directly into river. The banks



are bare limestone with dark soil on top. Virtually no spring run. Sandy, rocky bottom. Chipola Riv. moves fast here & is up and tan muddy today. Both river banks forested, 4' deep pool. Nice bait.

Clear H_2O meets with tan muddy H_2O of river.

Barrel Spring

pool diam: 25' diam circular
depth: 10'

color: blue-greenish clear

veg: algae - brown

surroundings: Forested river-creek corridor, some low planted Pines on west.

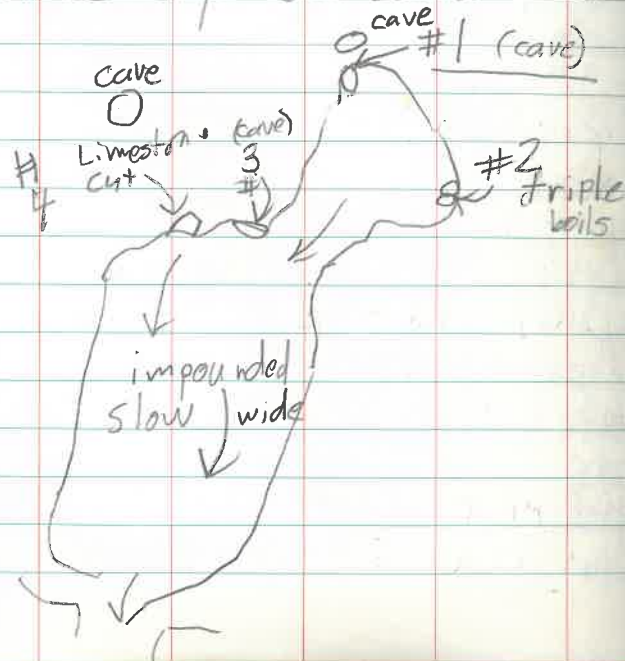
Description: Barrel spring has a 50 gal barrel in it. Pool circular at head of its run approx 200yds N of Chipola R. On W side of river. Rock & sand all up run & in vent. Conical depression w/ sand, an rock throughout. Littered with logs & sticks. No boil on surface, but low 3rd mag flow in run. Run flows N-S.

Access by walking up
run.

Grotto Springs

(called unnamed on d-base)

Upstream from Barrel coming
in on E side of Chipola R.
This is a spring with
very complicated head springs
having 4 vents and
caves up on land nearby.



All vents are 4 ± mag.
Beautiful forested creek
300 yd long spring run,
rocky bottom + sandy, Pristine
Depth run 1.5', 1' #1 vent
Pool (#1) circular 20' diam,
main vent #1 on NE side.
#2 vent on SE side.
Shallow sandy pool.

All vents come out of caves.
High ground on N + E sides
Will publish pic of #1 vent

Chipola River 9-30-03 Little Lagoon Spring

A 20 yd diameter pool & spring
water flows to the Chipola
Spring Run approx 125 ft + sandy
12 ft high banks surrounds pool 5 ft wide
Milky Blue water 0.5 ft deep
Spring flows SW. Springs under

a 15ft wide land bridge before
emerging at the Chipola

Mixed hardwood forest

bowl shaped depression with a
deep center maybe 20ft

Caroused with a few open areas

Poor light for photo

Spring is secluded & pristine save
for a grass track that approaches
the pool from the north

Spring emerges from a 1ft elongated
crack 5ft from the river
the siphon is a 2ft elongated
cave

An above ground component appears
to flow over the land bridge
during high water times

Spellman Spring Creek
comes in on west
side about 1 mi up from CR
278 boat ramp. Long walk
up creek. Need canoe/gum

Mound Spring 9-30-03

Clear bluish water

Lots of downed limbs in pool laying
across the elongated fissure
that forms the Spring vent

Depth 29.6'

^{filamentous} Green algae covering surfaces of
debris & rocks in the pool &
the Spring run.

Spring run flows 200ft westerly
to the Chipola. Ave depth 1.5ft + width 2ft
Very slight bowl but particulate
matter is floating up the water
column.

30ft diameter circular pool with
5-8 ft banks surrounded by
hardwoods & saw palmetto

Fissure has steep, straight limestone
walls. Limestone is present
throughout pool & run.

Run is almost as wide as
pool then narrows as it
winds to fire

Overgrown clearing just beyond

the trees on the NE side of pool

Chipola Riv
Sand bag spring

10-10-2003

pool dimensions: 20' N-S, 15 E-W

pool depth: 19.8'

color: greenish-blue

veg: thick emergent veg in spring run.

surrounding: Private house at spring mouth on river up on stilts on N side of mouth. Grassy lawn all around pool. Sculpted ground with picnic tables.

Description: Sand bag spring is aptly named because the pool is packed in w/ sand bags on 3 sides, also with a cinder block retaining wall and concreted walk way.

Spring Run 100' to SE. into the Chipola River.

Spring bottom sandy with limestone outcropped along steep walls of vent. Vent is elongated north-south and is very symmetric, reminiscent of a backhoe job. Apparently a nice large cavernous vent opening on bottom on N side.

No boil on surface, but spring is flowing down its run. Nearby house on SE side overlooks both river and spring, cabin on stilts. The lawn & house are embedded within the dense floodplain forest. Run sandy bottom.

Silver River Springs

10-23-2003

The Abyss:

Located ~ 125' SE of Reception Hall.

Circular bowl shaped depression on S side of main river channel. Has a narrow vent opening going to greater depths. 19' deep to bottom of depress. Blue H₂O. 60' diam.

Silver-1

Due N of Abyss
approx 75'
18'

Silver-2

circular bowl shape depress.
17.2'. NE of Silver-1
approx 150' past tree

Island.

Silver-3

18.0

big bowl above
Blue Grotto.
many sand boils.

Silver-4

The one with the
sunk boat on N side
of river. 3 nice separate
vents with boils in same
spring cove. Large
downed tree near boat.

Silver-5

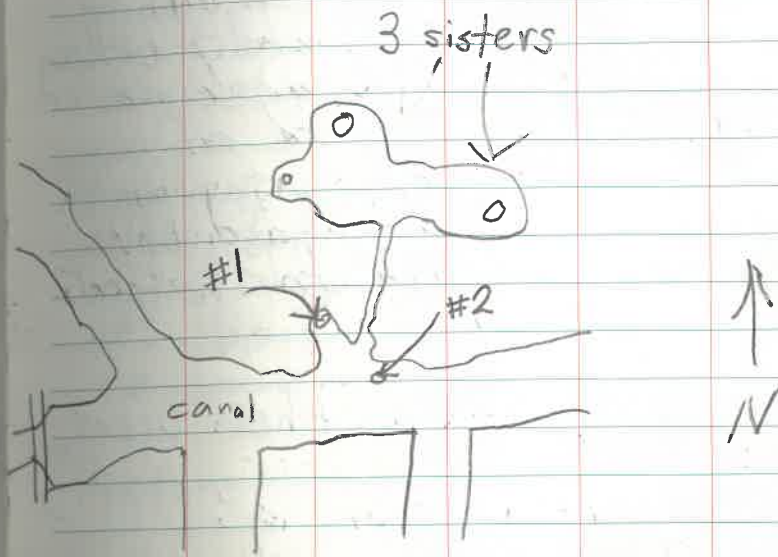
just down from a boat
dock on N side of river
down from Sil-4.

11-4-03 Kings Bay
R² Springs

Manatee Sanctuary Spring:

This spring sits at the bottom of one of the Kings Bay canals. It is a bowl shaped depression 24.9' deep in center where the small vent opening sits. Sand and debris all around vent. No oil observed. Water is clear and deep blue. Bottom is stagnant with mud, veg and rock. This spring may have been "created" by canal digging directly through a conduit. The canal averages 20' deep in all directions near spring. Underwater depression is circular and approx 90' in diam. Houses along canal edge all along west side. Undeveloped on E side where a line of red cedars grows.

11-4-03 Map of springs associated with Idiots delight and three sisters



Maybe part of Idiots delight.
#1: This spring occupies a small cove approx 50' west of the spring run inlet (mouth) of 3 sisters Springs. Cove is on N side of E canal.

Houses all on S side of adjacent canal. This cove appears natural. Pool is approx 20' diam. 6'⁴ deep. Clear bluish H₂O. Boil on surface. Small circular vent. Sandy bottom with 90% thick algae cover. A chain link fence along N + W side of spring banks. Undeveloped land adjacent N of spring. Recreation hotspot.

Sat out a rain then went to:

Jurassic Spring:
11-4-03 R²

Jurassic is a spring located in a cove along wide canal banks, on E side, 800' due E of Hunter spring vent. A house is on the N side and a condo is on the S side.

The cove opening is blocked off by white PVC pipe intended for use as a weed guard. Cove mouth measures 100' wide. Spring has clear water, but no bail today. Private docking on E side. Swimming hotspot. Small clubhouse on E side up from docks. A few cedar + palms around banks. Sandy muddy bottom with thick algae. Spring depth est. at 10'. No real run, adjacent to canal.

(Picture order)

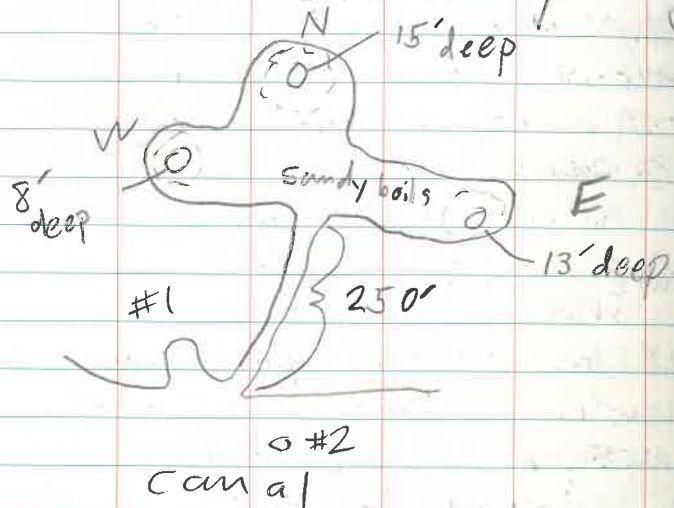
- ① #1 (Idiot's delight)
- ② Jurassic
- ③ Manatee Sanctuary

#2 (scoop map)

I suspect this spring is Idiot's delight. It consists of a small vent opening on the N side

of the E-W running ^{adjacent} canal.
 The vent is 30' SE of the
 mouth of 3 sisters springs
 There is a slight boil over
 the vent. Depth over vent is
 6'. Bottom is sandy with
 limestone boulders. Lots of
 algae. Swimmers hot spot.

Three Sisters Springs



This spring is a natural
 one with a 250' long
 run, narrow (10-15' wide),

with good flow. The
 spring head area has three
 lobes, each with a spring
 vent and pool at the
 head. There are literally
 dozens of sandy boils
 everywhere in the springhead
 area. All sandy bottom
 with some rock at vents.
 All vents flowing. E-vent
 is 13' deep with 2 conical
 depressions with vents.
 N vent is 15' deep with
 a conical hourglass depress
 in sand with vent in center.
 W vent is 8' deep and
 cup shaped. All adjoining
 land private. Spring mouth
 has piling barrier to boat
 access, but snorklers
 are allowed in between
 pilings and up in the
 springs. A very frequented
 swimming area.

11-5-03

right
name

called by wrong
spring fever

Skittle Springs
(Independence Spring) is situated 67 yds E of US 19 in town of Crystal River. It is 50' N of the police station. Oval shaped pool measures 28^{EW} yd x 24^{NS} yd. Encompassed by a 4' high retaining wall. Continuous 20' high fountain in center. Depth in center estimated at 10'. Clear, blue-greenish water. Run flows out of N side thru a narrow cut in wall, and underneath a green wooden footbridge. Spring is part of a City picnic area. Grassy lawns surrounding. No swimming allowed. Sandy bottom deepest in center. Spring also surrounded by a 3' high wood fence. Bicentennial city park. Run flows N about 50', then into another channelized spring run which flows E into Kings Bay. Flows under HWY 19

Homosassa River Springs
11-5-03 R²

Trotter Spring

This spring feeds into the Homosassa River system, at the head of a south fork. A vertical fissure vent issues water with a slight boil on surface. Depth 10.1' directly over vent, otherwise 2' in rest of upper run. Vent and upper run area just choked with algae all over bottom. Some limestone exposed in run and vent. Sandy otherwise. The spring is in a back yard and has a wooden brown footbridge over it. All this part of the Homosassa is developed with dense neighboring houses.

Pump house Spring 11-5-03

This spring is about 500' downstream from Trotter spring. It is at the head of a cove on the south side of the river, cove is 120' long with spring at head. Spring flows N into River. There is a pink stucco house immediately adjacent on E side of spring. There is a 2' high concrete retaining wall. At least 3 separate small vents each with boils. Thick algae. Heavy limestone boulders outcropped. Spring area averages 3' deep. Development (houses & yards) on all sides. A county paved road is 30' south of the spring across a chain link fenced yard.

Homosassa Unnamed #1

R2 11-5-03



This small spring occupies a small cove adjacent to the Homosassa State wildlife park. It is approx. 100' south of an State park observation deck over water. The small spring pool at the head is approx. 25' in diam. A bowl shaped depression at vent is 3.1' deep. Not flowing.

today, but is an obvious
spring vent with an opening.
Brannish-greenish clear H₂O.
Short 30' run flows N into
Homosassa Riv. Absolutely
choked with algae & detritus

Homosassa Spring unnamed #2 (see prior map)

This spring sits in the
Homosassa River immediately
out (West) from the Homos.
Springs State Wild Life Park
observation deck. It occupies
a bowl shaped depression
in the sand bottom. Not
flowing today, but appears
to be a spring depression.
Depth 13.7' over depress., but
is otherwise 5' deep in the
river.

Halls River Unnamed #1



excerpt
from aerial
of upper
Halls Riv.

This spring resides in the channel
of Halls River Head Spring just
50' south of a larger opening
in Halls River, south up the
channel of Halls Head Spr.
Many nearby dug canals
to N all upper Halls River.
This spring is a 40' N-S,
30' E-W pool as a widening
of the spring run channel
of Halls Head. The vent in
center is a nice 1.5 diam.
cave opening, issuing clear
bluish water producing a small
bail. Limestone at vent. Several
other small sand boils in pool.
Sandy - detritus bottom.

Banana, Bear, Blue hole
Gator

Springs inside Wildlife Park

Bear Spring: 11-5-03

Spring at the head of stream adjacent E of Black bear pen. Measures 60' N-S, 20' E-W. Two small vents with slight boils. Aviary adjacent South. A pipe from aviary drains into pool. Water dark & dirty. Hydrilla in pool. Main vent on E side of pool. Dense woods but all developed wild life park. Sandy bottom. Est 5' deep.

Banana Spring:

Pool 60' N-S 40' E-W, oriented N-S. Spring vent at N end of pool under overhanging banana tree. 200 yds downstream from Bear Spring.

Two fountains in pool. Water dark, murky. Overhanging live oak branch. Pool broadly flows under aluminum-wood footbridge. Reptile house on NW side of spring. Est. 5' deep. Man-enhanced.

Gator Spring 11-5-03

55 yd N-E-SW x 33 yd E-W. Pool man-made, dark H₂O. Main boil on N-E side of pool. The pool is fenced and used as a gator pen. Has 25 large gators for viewing. On S side of pool is a walk bridge/wier. Water flows S thru barricade into an adjacent Hippo pen. After hippo pen it flows into the main spring run. Est. 5-8' deep. Place is overcrowded with gators & smells of urine, bird shit.

Blue Hole

75' SE to NW, 25' wide
cove from main spring run
on S side of river. 345'
downstream from footbridge/
barrier over Homosassa main
run. Immediately W of Education
Center. Blue H₂O. Est. 15'
deep. Vent under wooden
bridge. Rock exposed. Deep
precipitous drop. No
boil, but flowing. Sandy
bottom

Manatee Mineral Spring

Jeffrey & Trudy Williams owners.
"Reflections of Manatee" Non Profit

This spring is a historic mineral
spring along the south shore
of the Manatee River in
Bradenton FL. It has been
extensively altered by suburban
development since the 1940's.
Right now, it has a circular 5' diam

concrete slab covering the
spring pool within private land
that was recently a city park.
The new owners intend to restore
the spring.

Under the concrete slab, the
spring is ringed by a concrete
retaining wall. Outflow occurs
underground and is tied into
the neighborhood storm water
drainage system. The Manatee
River is visible through private
yards approx. 600' to the
North. Spring water flows
into the river via a drain pipe.

Original settlers lived near
the spring in the mid 1800's.

Spring is located 2 blocks N
of SR 64 on 14th St.

Trudy/Jeff Williams, owners
(reflections of manatee@msn.com)
They live in the white house
opposite the spring, on opposite
side of road to spring.

11-11-03 R²

Aripeka #2 spring

This spring is located approx. 300' up the mouth of Magnolia Spring run, on the north side, at the mouth of the first small tidal creek channel that enters up from mouth of Mag. on N. side. The spring sits in a small circular cove along the N side of the 50 yd-wide Magnolia Creek mouth. There is a small boil ~ 5' wide over vent. The edges of the north side of spring are thickly vegetated with a large fern species encapsulated by a much larger area of black needle rush. The fern bank is a prominent feature that locates the spring easily. Spring is 6' deep at high tide, and water is clearish to murky. Muddy, sandy bottom. Spring depression ~ 10' diam. No run.

11-11-03

Boat Spring

Boat spring lies at the head of Hammock Creek (mi) NE? of Aripeka. It consists of several small vents that occupy the N $\frac{1}{2}$ of a 50' x 25' NE-SW running pool. There is a small house/shack ~ 150' S of spring pool. Limerock can be seen along pool edges, and bottom along with fine muddy silt. The spring is encompassed by a hardwood/palm forest. Hammock Creek is 1000' long, flows due W, and merges with Aripeka #1 tidal creek, which is N-S flowing. Boat is 3.7' deep, murky water at high tide. No boils seen at high tide today. Some canal digging & channelization mid way up run. (Roseman 1971)

RPM pic

11-11-03

Aripeka #1 spring

This spring sits near the head of a N-S flowing Tidal creek merging w/ Hammock creek. A small to med. boil is present over vent. The spring occupies the center of the tidal creek, approx 800' up the run from its confluence with Hammock Cr. Also, the spring is 250' S of a Palm Hammock located at the head of the tidal creek. Creek is 30' wide at spring.

Spring is 6.2' deep at high tide, muddy bottomed and murky water. Veg along creek is black needle rush, then Palms farther away. Beyond the spring, northward up run, several small fingers branch off and taper to their ends some 200' Northward. Spring depression appears to be about 15' diam.

11-12-03

Beteejay Springs

This spring is a wild showcase through the Chaz. Swamp. There are 2 spring vents. The main vent is located approx 500' upstream from an extravagant resort house, near the head of Wild Crawford Creek. The main vent is sandy-detritus bottom with clear H_2O and a prominent vent. Depth is 6.9'. 40' to N, there is another twin spring vent, with a boil, and a dark detritus bottom. Both vents are 15' in diam, connected by, at opposite ends of a N-S 40' long pool. Dense Palm-hardwood forest canopy. Crawford creek is a southern trib. of Chaz. River. All tidal, except

For the upper $\frac{1}{4}$ mi of creek. The upper cr. is swift, clear and with abundant Valcinerea & limestone & sandy bottom. Then it turns dark bottomed & muddy as it grades into tidal, then open rush marsh before entering the lower Chaz out in open marsh.

Approx 250' down from Beetejay or 250' up from house/resort, another small spring run joins in on N side.

11-13-03 King's Bay

Unnamed Bananna Island #1 Spring
(Springs Fever)

This spring occupies a small cove on the N facing side of

Bananna Is near the head of King's Bay. The cove head, spring pool has $\sim 20'$ diam and is surrounded by sawgrass on S, E, W sides. The Island is forested in its interior, and owned by C.R.N.W.F. The spring orifice is $\sim 1'$ diam and $1.5'$ deep, at low tide. The main spring is just $10'$ north of sawgrass boundary at very head of alcove, but at least 3 other sand boils occupy cove $30'$ north of main spring. Bottom is sandy & muddy & whole area is tidal. Quite a bit of aquatic veg here. Slight boil at low tide. Clear water. Water has slight salty taste, brackish.

King's Spring: 11-13-03

On the S side of Bananna Is, approx. $150'$ from Island to S, or $150'$ due West of

Tarpon Hole. This spring, along w/ Tarpon hole + Mullet's gullet spring all occupy the same spring garden area on the S central side of Bananna Is. There is a 150' x 150' alcove due North of Kings spring (150' N). Water clear in low tide. Slight boil slick on wavy surface. Rocky + sandy bottom. Depth is estimated at 15' and there were too many snorklers + divers to be able to get too close for depth measurement.

Little Hidden Spring:

11-13-03

This magnificent little spring is located on the northern tip of Parker Is land. It occupies an oval shaped spring pool 35' E-W x 25' N-S. Run is 10' wide and 50' long, 1' deep at low tide. Spring is under a forest canopy.

It has a sandy bottom with grassy veg. There are 2 separate spring vents in pool. Each occupies a bowl. W vent is largest with a nice boil, and is 4' deep at low tide. Bowl diam is 10'. E vent has a diam of 6', 2' deep, with small boil.

The mouth of the spring run comes out into Kings Bay at the NW side of a narrow passage between mainland and Parker Is.

Spring 5 Contacts

Manatee Settlement Spring

Trudy Williams: 941-746-2035