770.621.7200 (o)
770.621.7271 (f)
DeKalbCountyga.gov

Watershed Management
1580 Roadhaven Drive
Stone Mountain, GA 30083

DeKalb County
GEORGIA

Chief Executive Officer
Michael Thurmond

Board of Commissioners

District 1
Nancy Jester

District 2
Jeff Rader

District 3
Larry Johnson

District 4
Stephen Bradshaw

District 5
Mereda Davis Johnson

District 6
Kathie Gannon

District 7
Lorraine Cochran-Johnson

LETTER SHOWING SEWER CAPACITY

July 29, 2019

RECEIVED
City of Tucker
SEP 13 2019
Community Development
Department

Attention: Mark LeCraw
LeCraw Engineering, Inc.
3475 Corporate Way, Ste. A
Duluth, GA 30096

Re: 4704 Lavista Road
18th Dist, LL 227
62 Lot Subdivision
NFPC

Dear Mr. LeCraw:

The DeKalb County Department of Watershed Management ("DWM") received a sewer capacity request regarding the potential availability of sanitary sewer capacity at the above-referenced location. In response to the inquiry, DWM staff confirms that sanitary sewer capacity may be available for the subject property at this time. **After evaluating your capacity request, it has been determined based on the criteria set forth in DWM's Interim Sanitary Sewer Capacity Evaluation Program dated July 13, 2018 that DWM's wastewater collection, transmission, and treatment system has adequate capacity to receive the wastewater flow contribution from your sewer service connection as documented in your sewer capacity request. As such, approval to proceed with the project is granted with regards to sanitary sewer capacity.**

Please note that the determination of available capacity expressed herein is not guaranteed as it is based upon the known conditions as of the date of this correspondence and on the provided anticipated capacity needs associated with the project. In the event that sewer system infrastructure improvements are required to accommodate any new flow contribution and ensure adequate sewer system capacity as a result of development on the referenced property, the developer will be responsible for the cost associated with installing any such improvements to the existing sewer system infrastructure pursuant to DeKalb County Code of Ordinances, Chapter 25, Article IV – "Sewers and Sewerage Disposal". Once installed and accepted by DeKalb County, the improvements will be owned and maintained by DeKalb County.

This information is based on currently available data and should only be used to substantiate the potential availability of sewer services as of the date of this correspondence. Circumstances are subject to change and the potential capacity indicated herein is in no way guaranteed.

Should you have any questions or concerns in reference to this response, please do not hesitate to contact the Division of Planning & Development of DWM at mlotts@dekalbcountyga.gov.

Sincerely,

Zachary L. Williams
Executive Assistant/Chief Operating Officer

Darren Eastall
Program Administrator-Consent Decree

DeKalb County
GEORGIA

DEKALB COUNTY, GEORGIA
DEPARTMENT OF WATERSHED MANAGEMENT
CAPACITY ANALYSIS

4704 Lavista Road
(62 lot Subdivision)

Request Date: 4/15/2019
Request Closing Date: 7/24/19

1	Property Name and Address		4704 Lavista Road	
2	Sewershed/Basin		North Fork Peachtree Creek	
3	Proposed Property Tie-in Manhole ID		18-227-s039	
4	Net Prop. Daily Ave. Flow from Property		13,920 GPD	
	Net Prop. Peak Flow from Property		55,680 GPD	
5	Downstream historical SSOs with incomplete remedial actions to prevent reoccurrence?			No
6	Downstream gravity sewer capacity available per 6a-6c below?			Yes
a	Hydraulic Model Capacity Check	Model predicted dry weather flow less than 85% of the pipe capacity or 80% of the pipe diameter for all downstream gravity pipes?	No[1]	
		Model predicted max month average daily flow (MMADF) flow less than 100% of the pipe capacity for all downstream gravity pipes?	No[1]	
b	Model Network Anomaly	If 6a = No, are model results due to gravity sewer model network anomalies (reverse-grade pipes, flat-grade pipes, etc)?	Yes	
		Is capacity determined by reviewer to be available for gravity pipes with network anomalies (reverse-grade, flat-grade pipes, etc.)?	Yes	
		Is capacity determination documentation provided?	Yes	
c	Capacity Request Flow Monitoring	Is capacity request flow monitoring data available and analyzed?	NA	
		Is capacity determined by reviewer to be available based upon analysis of flow monitoring data?	NA	
		Is capacity determination documentation provided?	NA	
7	All downstream lift station firm capacities greater than model predicted flow for MMADF scenario?			NA
8	Downstream treatment facility hydraulic capacity greater than model predicted flow for MMADF scenario?			NA
9	Downstream intergovernmental connection capacity greater than model predicted flow for MMADF scenario?			Yes[2]
10	Comments: [1]In this profile there are positive sloped flat pipes (less than minimum design slopes) and negative sloped pipes that are indicating full pipe capacity less than 85% during dry weather. In such cases, engineering judgement has been used to determine adequate capacity exists for the flow rates calculated by the model, which includes 0.8 d/D open channel flow. The maximum d/D for this capacity request flow path is 0.77, except at pipes 18-154-s305 and 18-154-x306 which have a d/D of 1.00. These pipes are the most downstream pipes in the flow path; upstream of these pipes range from being one quarter to three quarters full. This section represents a boundary condition as flow enters the intergovernmental connection. [2]The intergovernmental connection capacity is 59.23 mgd per Section 3 of the Intergovernmental Agreement. Flow from DeKalb County to the R.M. Clayton Facility includes flow from Nancy Creek, North Fork Peachtree Creek, and South Fork Peachtree Creek basins. More detail is provided in the Support Form.			
11			Hydraulic Modeler Initial	PS & LM

* MODEL FLAG

By signing below, this certifies, based on sound engineering judgement, that capacity is available having considered appropriate factors necessary to make that determination including sanitary flow contributions from site specific sources, use of the County's hydraulic model as certified by CH2M Hill, flow data, and historical data, which are all incorporated into the County's Interim Capacity Program and SOPs as authorized by DeKalb County government on July 13, 2018.

Name: Michelle L. (Jackam) Otts, PE
Title: Engineer Principal
Date: 7/24/19

MLJackam-Otts

SEWER CAPACITY EVALUATION REQUEST

Department of Watershed Management

Project Information:

Project Address:	4704 Lavista Rd.	**Project Name:**	
	Tucker, GA 30084 (City, State, Zip Code)	**Type of Development:**	Single Family Residential
Intended Tie-In Manhole ID:	18-227-5 089	**Land Lot and Parcel ID:**	18-212-01-002
Total Peak Flow Requesting:	55,680 GPD (Proposed Peak Flow minus existing peak flow)	**Sewershed:**	NFPC

Developer/Owner Information:

Company's Name:	Bentancourt Construction	**Address:**	4355 Cobb Parkway #3460
Contact Name:	Stephen Ficarra	**City, State, Zip Code:**	Atlanta, GA 30339
Phone Number:	404-891-0269	**Email Address:**	sficarra@betancourtcommunities.com

Engineer Information:

Company's Name:	LeCraw Engineering, Inc	**Address:**	3475 Corporate Way, Suite A
Contact Name:	Mark LeCraw	**City, State, Zip Code:**	Duluth, GA 30096
Phone Number:	678-546-8100	**Email Address:**	mark.lecraw@lecraweng.com

Please include the following items in your submittal package:

- [X] Proposed Peak Daily Flow Calculation based on attached guidelines *(See Appendix B)*
  - [X] Existing Developments
  - [X] New Conditions
- [X] Separate detailed calculation sheet signed by the owner or owner's representative for each project
- [X] All requested flows greater than 500 gpd ADF must be sealed by Professional Engineer
- [X] Geographical Information System (GIS) map clearly showing the proposed site (s) surrounds areas, and utilities
- [ ] Proposed utility plan, if available

Name:	4/15/19	**Date:**	4/15/19
Signed:		**Seal:**	(By Professional Engineer)

GEORGIA REGISTERED No 030828 PROFESSIONAL ENGINEER MARK S. LeCRAW

Capacity Evaluation Request will not be accepted until form is fully completed and all supplemental [illegible] attached. Submit documents to sewercapacity@dekalbcountyga.gov

Internal Use Only

Date Capacity Request Reviewed and Accepted:		**Received By:**	
		Signed:	

Appendix – B

Table 1: Sanitary Flow Contributions from Site Specific Sources

CONTRIBUTOR	UNIT	Design Average Daily Flow (GPD)
Residence, single family	Per residence	240
Residence, multiple family (Apartments)	Per unit	240
Commercial/Mercantile Building	Per 1,000 square feet	75
Industrial/Warehouse (Not including food service)	Per 1,000 square feet	75
Offices (Not including food service)	Per 1,000 square feet	175
Shopping Center (Not including food service)	Per 1,000 square feet	100
Restaurant/Coffee Shop/Fast Food/Bar/Tavern	Per 1,000 square feet	1650
Amusement/Recreation/Arcade	Per 1,000 square feet	200
Barber Shop/Beauty Salon	Per customer station	333
Caterer	Per 1,000 square feet	3300
Church (Not including food service or day schools)	Per 1,000 square feet	65
Coin Laundries	Per machine	400
Commercial Laundries	Per machine	640
Hospitals	Per bed	200
Nursing Home	Per bed	125
Motel/Hotel	Per room	100
Police/Fire Station – w/residents	Per bed	125
Police/Fire Station – w/o food service	Per 1,000 square feet	175
School – w/ kitchen	Per 1,000 square feet	200
School – w/cafeteria	Per 1,000 square feet	250
School – w/cafeteria and gym	Per 1,000 square feet	400
Service Station	Per fuel pump unit	120
Theater/Museum/Auditorium	Per 1,000 square feet	65
Other Facility not listed:	Subject to Approval by the County	
		Total

GPD = gallons per day

NOTE: Design peak flow rates shall be calculated by multiplying the total design average daily flow rate determined per the table above by a peaking factor of 4.0.

Fill out SCER application, show calculations, scan your application and submit via email:

Existing Conditions

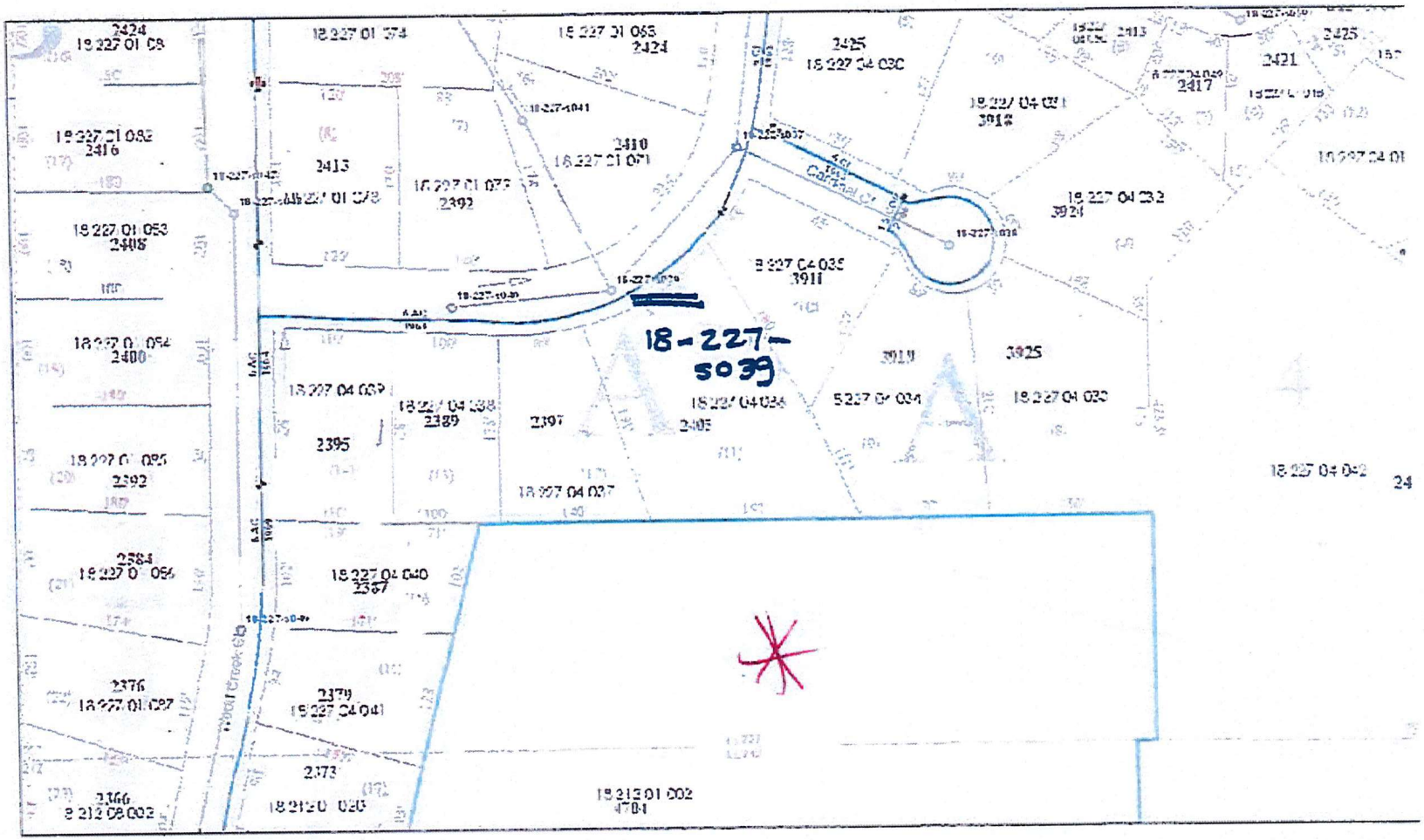
Land Use: Single Family Residential
Number of Residences: 4
Daily Flow Rate = 4 x 240 gpd = 960 gpd
Peak Flow Rate = 4 x 960 gpd = 3,840 gpd

Proposed Conditions

Land Use: Single Family Residential
Number of Residences: 62
Daily Flow Rate = 62 x 240 gpd = 14,880 gpd
Peak Flow Rate = 59, 520 gpd

Net Increase Daily Flow Rate = 13,920 gpd
Net Increase Peak Flow Rate = 55,680 gpd

2405 CARDINAL WAY



April 8, 2019

11-251-POLEBRIDGE	Private	LIFT STATIONS	VALVE	LATERALS	0 0.0
15-030-SNAPFINGER	DEKALB	Air Valves	STORAGE	District	0 0.
INTRENCHMENT-ATLANTA	ATLANTA	SEWER FORCE MAINS	PUMP	Land_Lot	
Atlanta	NOT IN COUNTY	FlowArrows	16; 18; 20; 24; 30; 36; 42; 48; 54; 60; 72; 80; 96	Address	
DeKalb	PRIVATE	.75; 1; 1.5; 10; 12; 14; 2; 2.5; 3; 4; 6; 8	SOURCE	TaxParcel	
Not n County	15"-72"	HYDRANT	TREATMENT PLANT		

Sewer Capacity Request Address: 4704 Lavista Road

Job Name: 4704 Lavista Road

Manhole Connection: 18-227-s039

Basin: Northfork Peachtree Creek

_____ pipe surcharge <80% of depth (<0.8 max surcharge)

_____ pipe surcharge between 80-99% of depth (0.8 to 0.99 max surcharge)

_____ pipe at full capacity on only one end of the pipe (max surcharge=1)

_____ pipe at full capacity throughout pipe (max surcharge=2)

_____ **in profiles,** pipe above 85% capacity under DWF and 100% under MMADF

_____ **in plan view,** flow path from tie-in to end of system

Historic SSO in plan view

Pump station

Node/manhole

Height (in)=height of pipe in inches

Grad (%)=gradient of pipe in percent

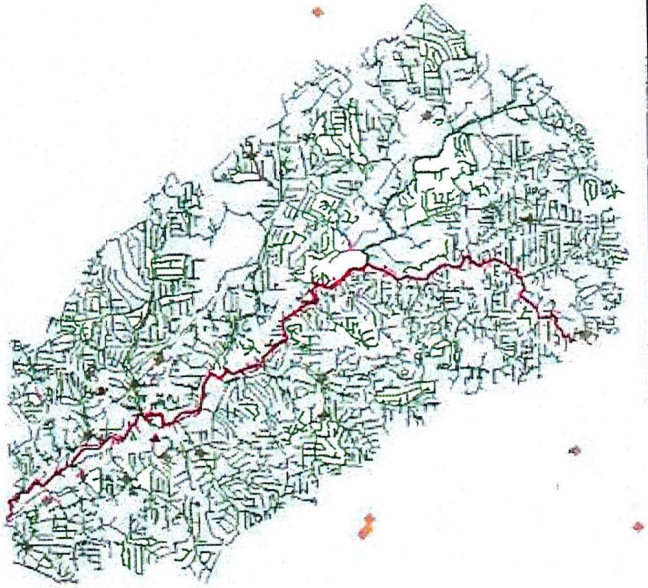
PFC (MGD) = pipe full capacity is an approximation of the pipe flow capacity running full using Manning's Equations in MGD

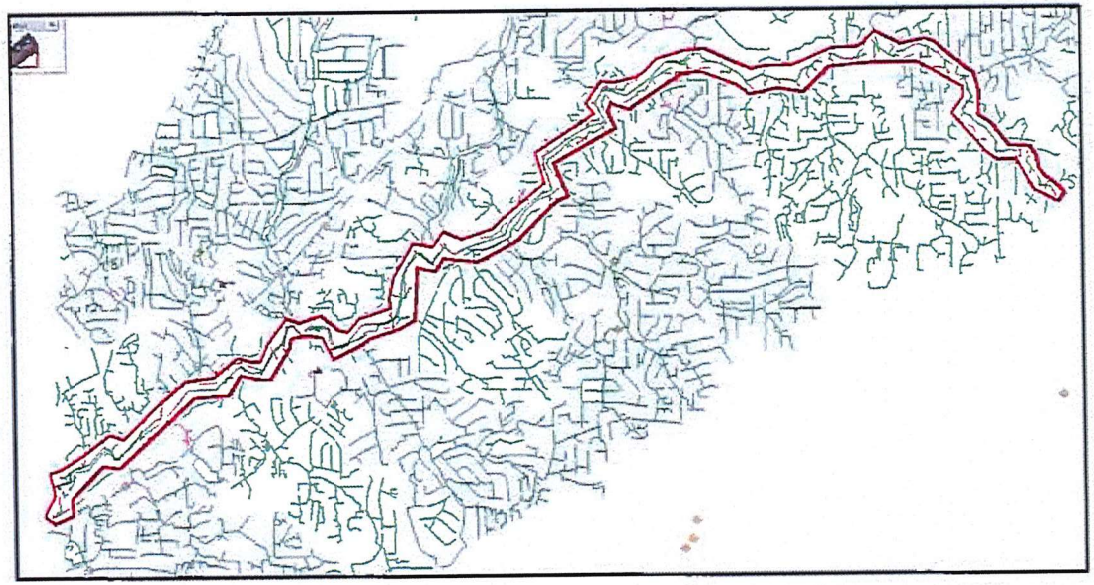
Surc=maximum surcharge state or depth over diameter of pipe (colors of pipes in profile and plan to match)

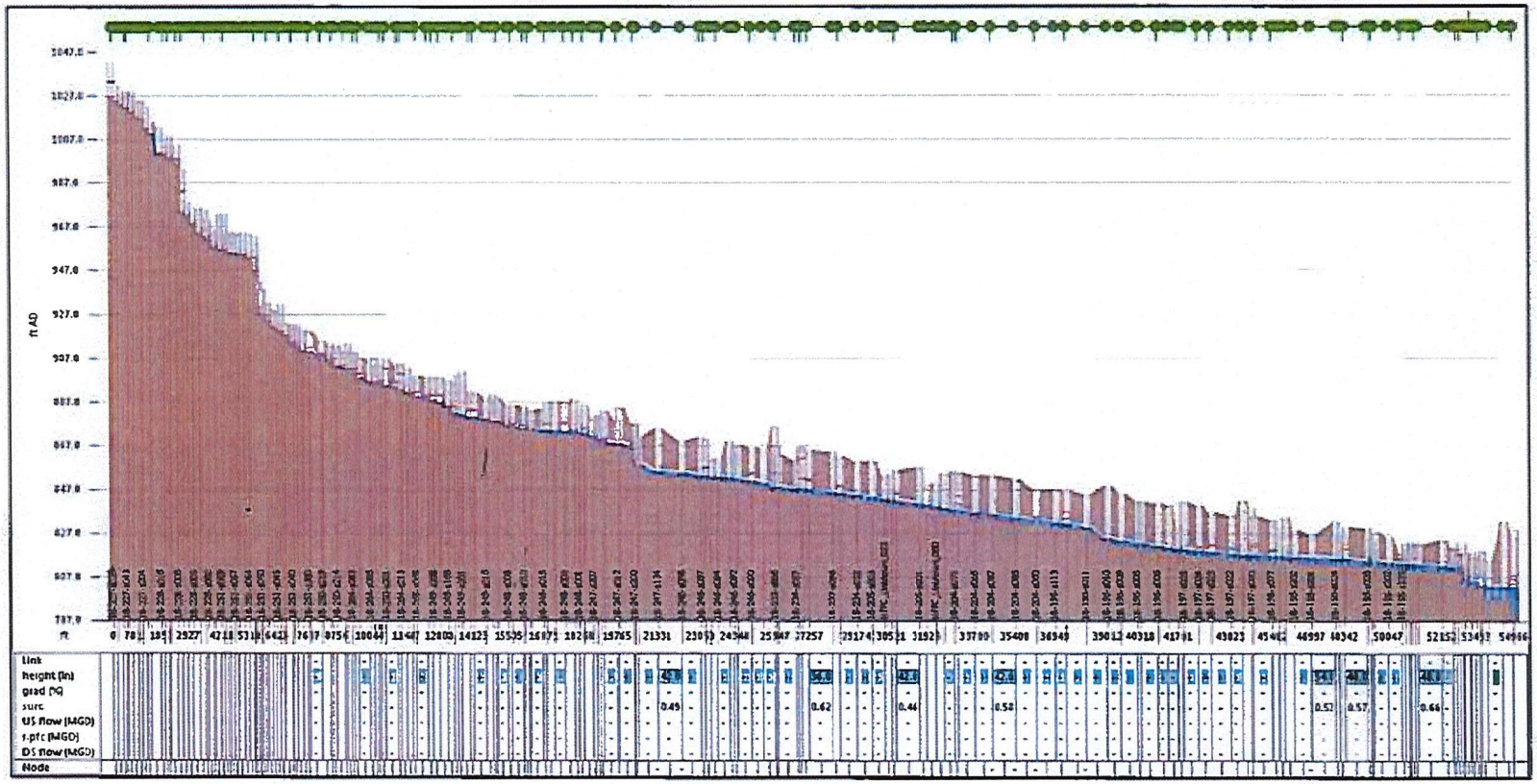
US and DS Flow (MGD)=model predicted upstream and downstream flow within the pipe

Note 1: Any hydraulic model calculations showing negative or zero pipe capacity are invalid for reverse-grade (negative slope) and flat-grade (0 slope) pipe segments. In addition, positive sloped flat pipes (less than minimum design slopes) will likely indicate full pipe capacity less than 85% during dry weather. In such cases, engineering judgement shall be used to determine whether adequate capacity exists for the flow rates calculated by the model, which includes 0.8 d/D open channel flow.

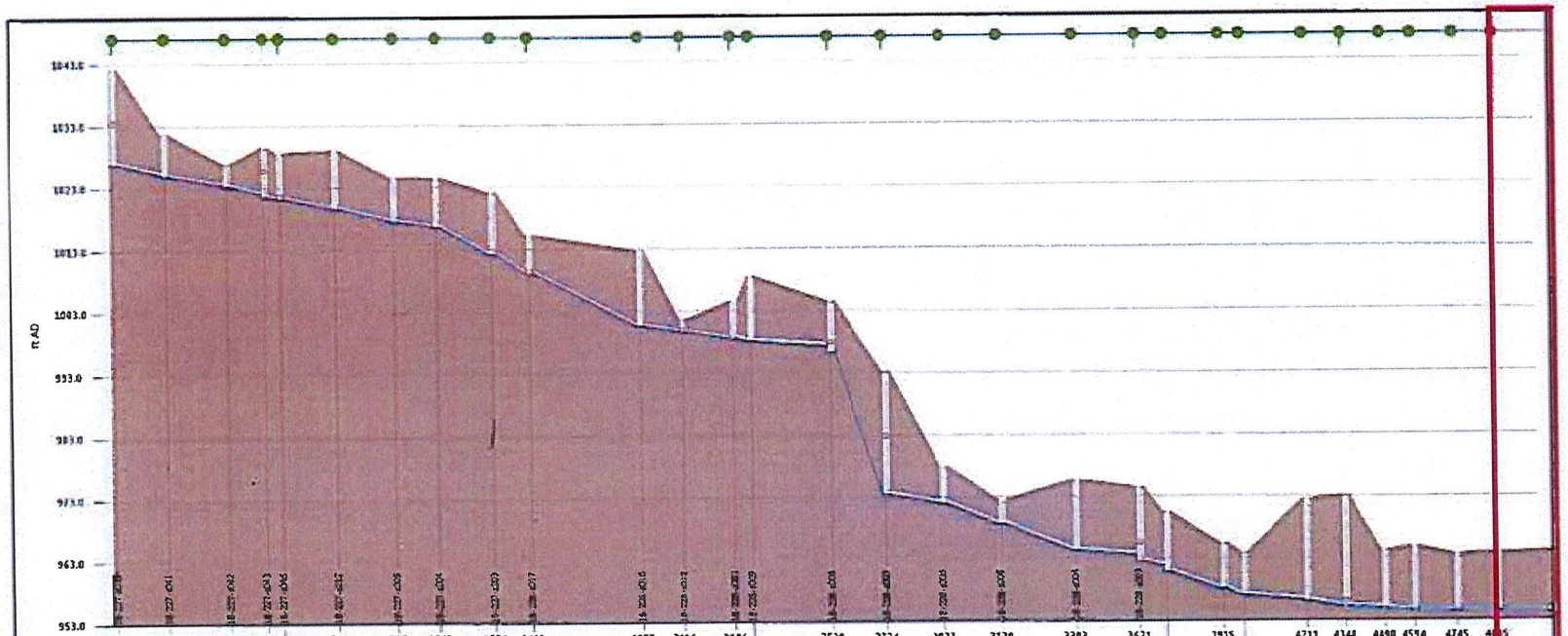
4704 Lavista Road – December 2017 Model DWF Run Version 58 (2019 Scenario)







Entire Section



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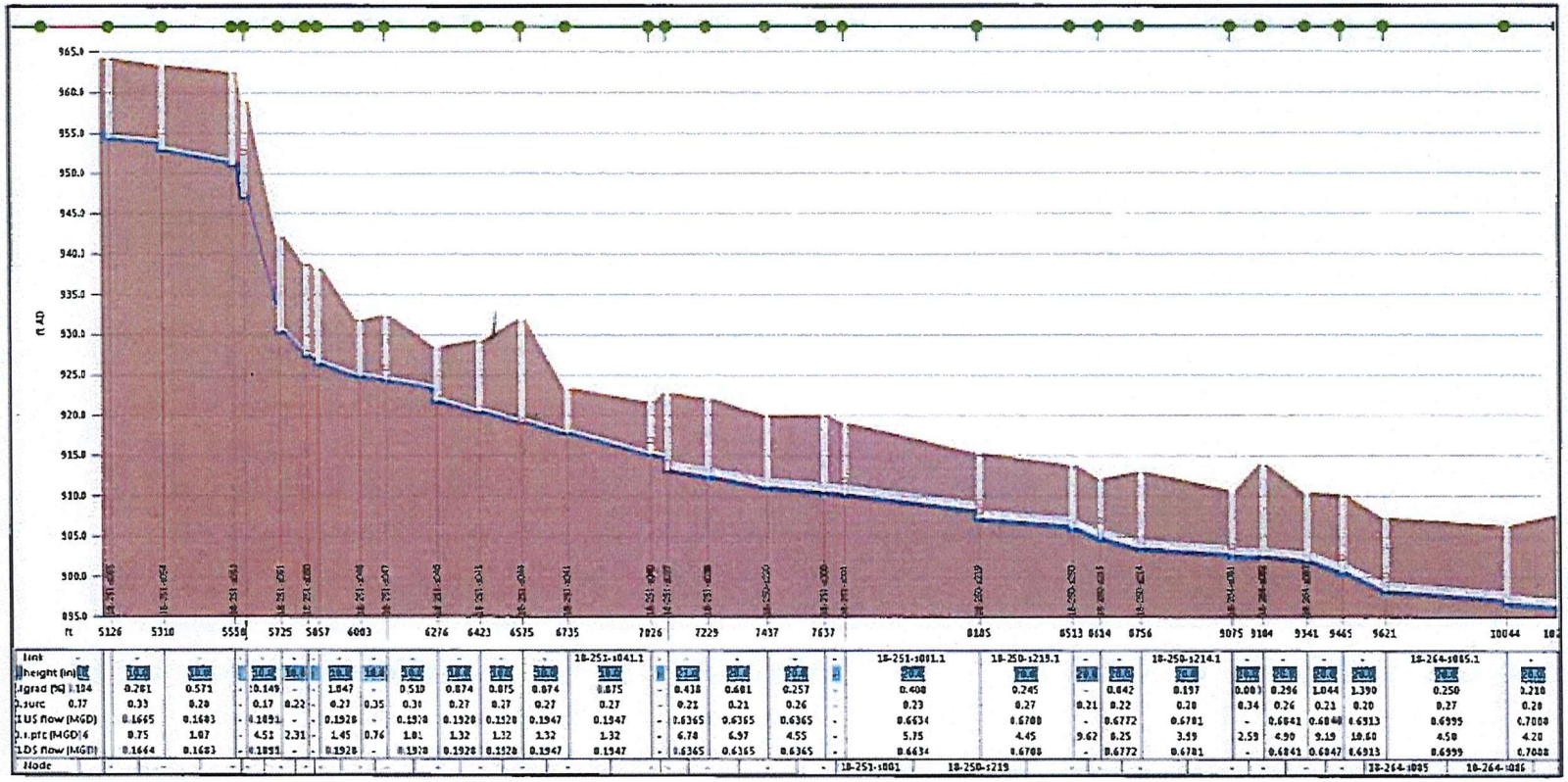
surc	0.23	0.25	0.23	-	0.25	0.24	0.28	0.21	0.21	0.21	0.29	0.29	-	0.27	0.15	0.24	0.21	0.21	0.30	0.26	0.23	-	0.30	0.30	0.42	0.48	0.61	0.70	0.77
US flow (MGD)	0.0724	0.0729	0.0729	-	0.0812	0.0815	0.0818	0.0833	0.0833	0.0923	0.0923	0.0953	-	0.1018	0.1239	0.1369	0.1377	0.1377	0.1396	-	0.1553	-	0.1559	0.1561	0.1654	-	0.1666	0.1665	0.1665
r.ptc (MGD)	0.76	0.64	0.33	-	0.67	0.75	0.54	1.17	1.17	1.16	0.60	0.60	-	0.72	4.83	1.18	2.82	1.82	0.76	1.15	1.67	-	0.82	1.14	0.43	0.81	0.28	0.36	-0.46
DS flow (MGD)	0.0724	0.0729	0.0729	-	0.0812	0.0815	0.0818	0.0833	0.0833	0.0923	0.0923	0.0953	-	0.1018	0.1239	0.1369	0.1377	0.1377	0.1396	-	0.1553	-	0.1559	0.1561	0.1654	-	0.1665	0.1665	0.1665
Node	-	-	-	-	-	-	-	-	-	18-228-s017	18-228-j016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Section 1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Height (in)
Grad (%)
Source
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DS flow (MGD)
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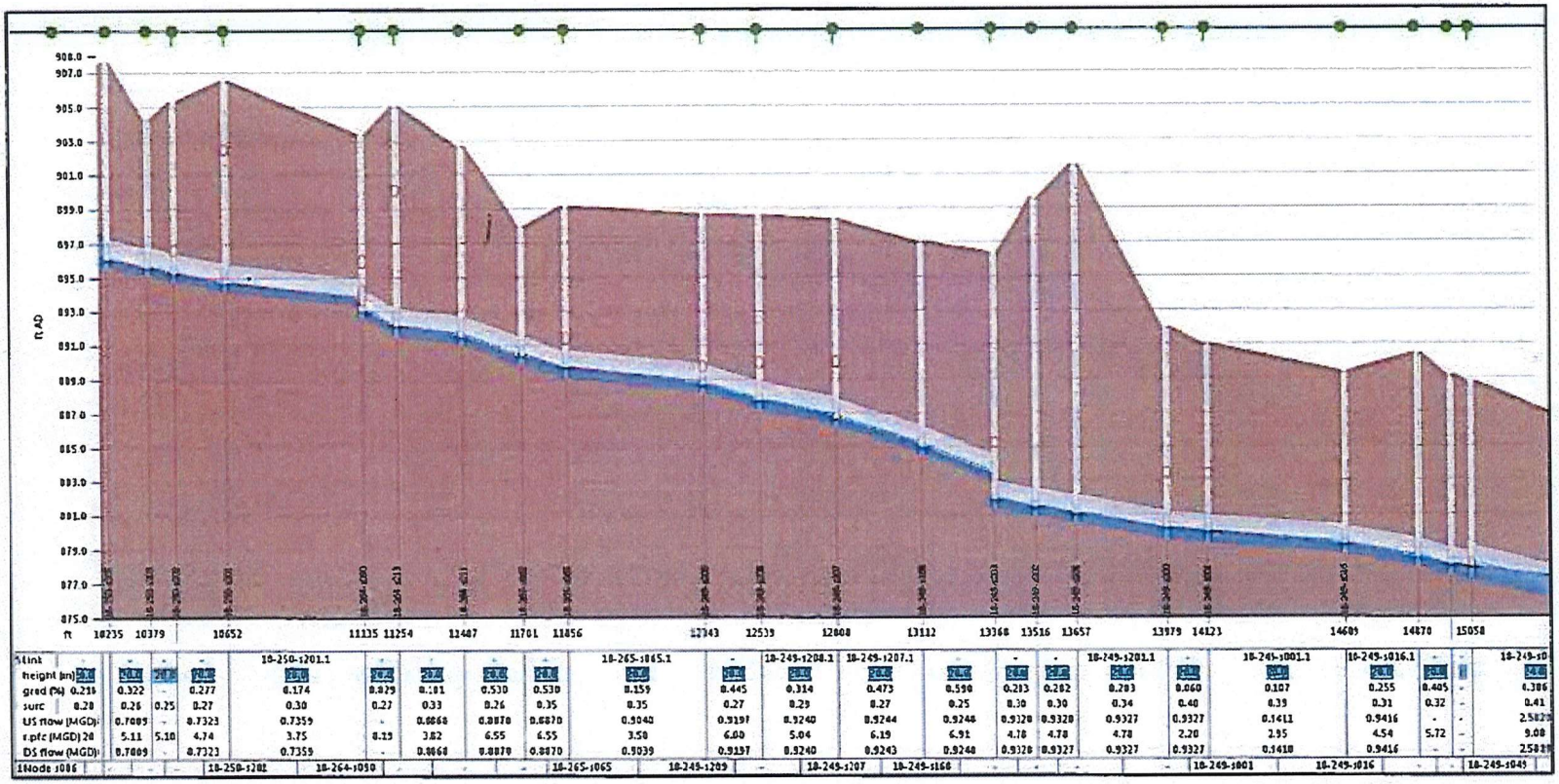
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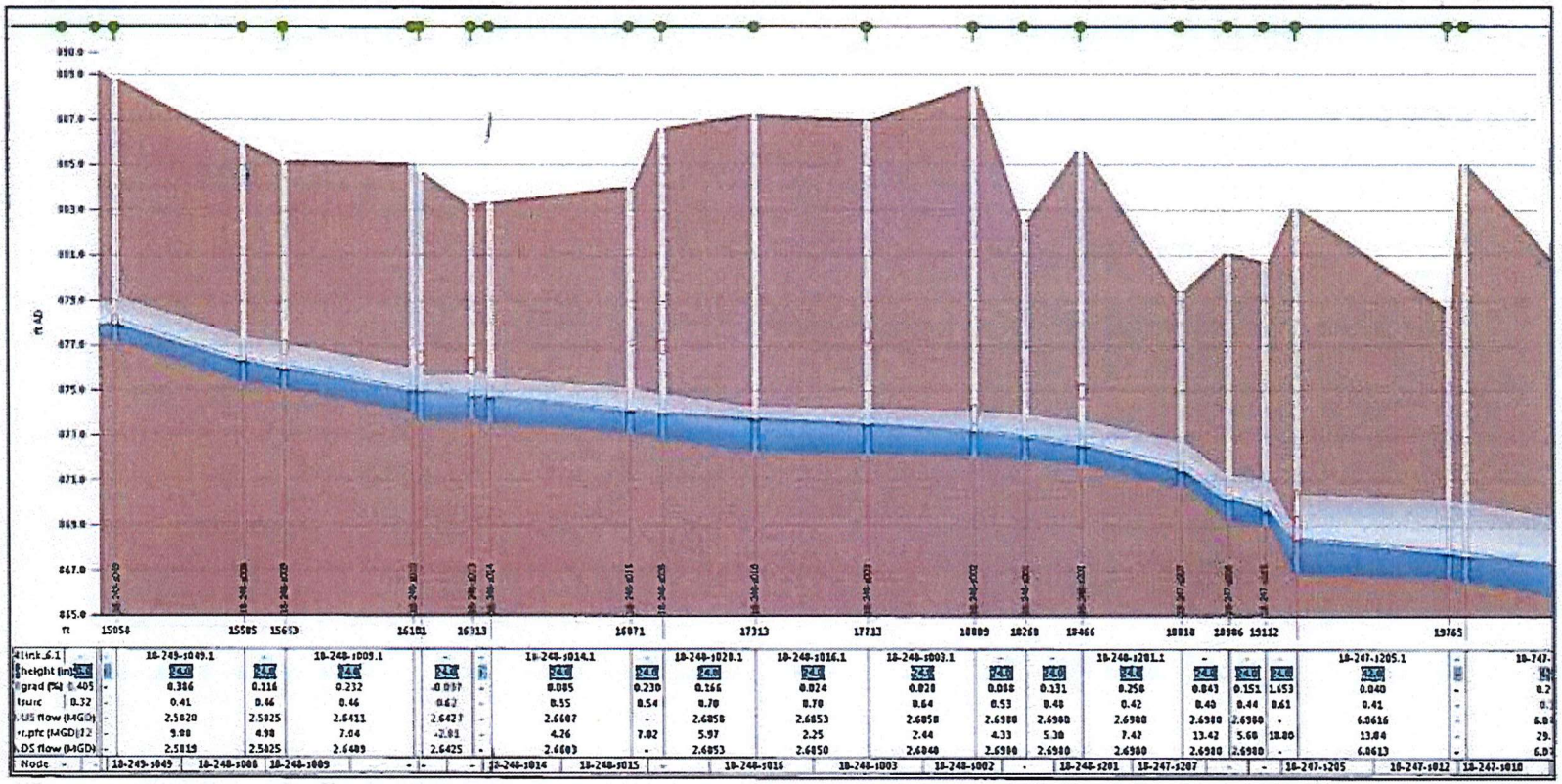
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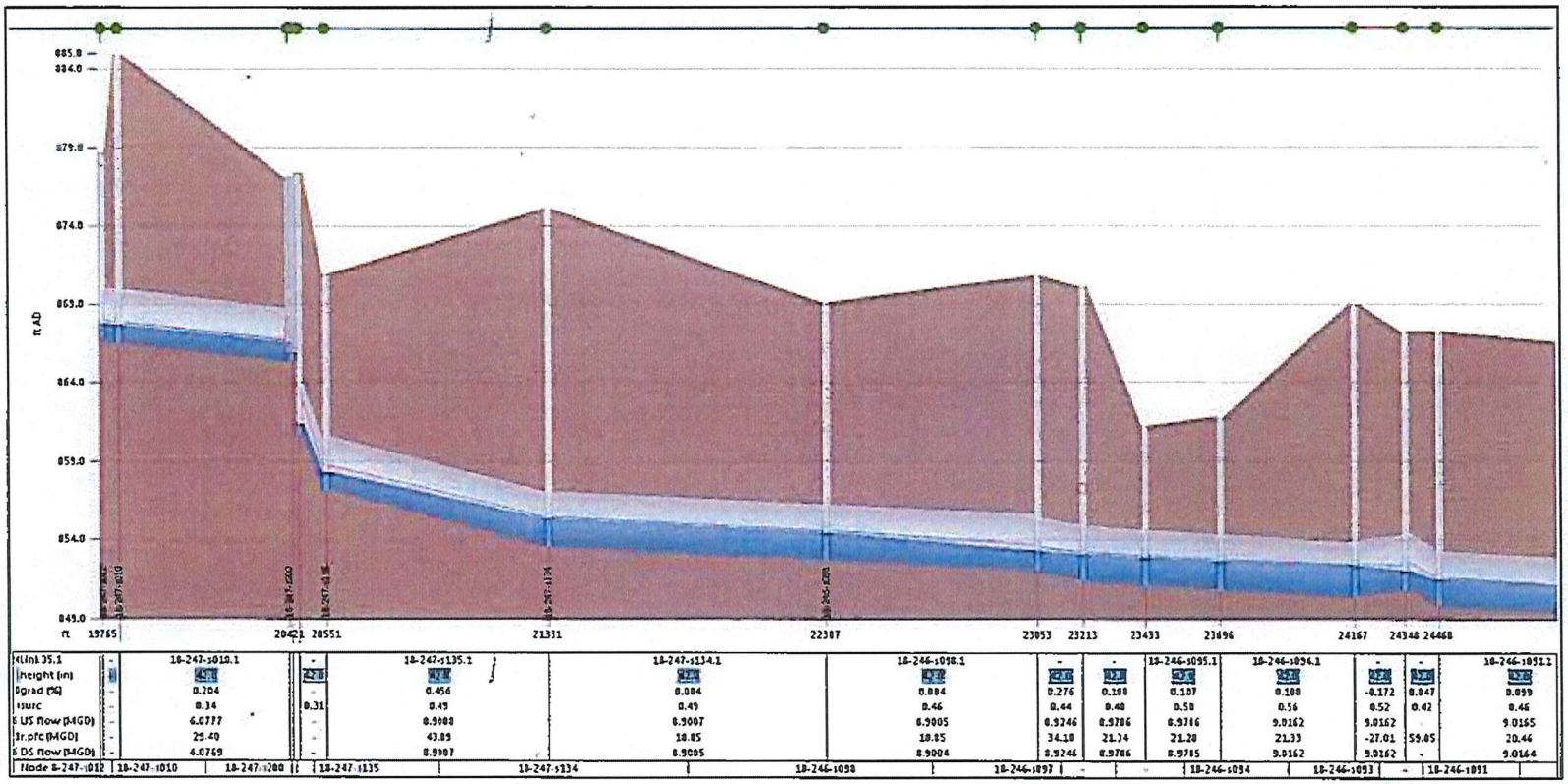

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grad (%)	-	0.204	-	0.456	0.004	0.004	0.276	0.180	0.187	0.188	-0.172	0.847	0.099
surc	-	0.34	0.31	0.49	0.49	0.46	0.44	0.40	0.50	0.56	0.52	0.42	0.46
Q US flow (MGD)	-	6.0777	-	0.9008	0.9007	0.9005	0.9246	0.9786	0.9786	0.0162	0.0162		0.0165
Qr.pfc (MGD)	-	29.40	-	43.89	18.85	18.85	34.18	21.04	21.28	21.33	-27.01	59.05	20.44
Q DS flow (MGD)	-	6.0769	-	0.9007	0.9005	0.9004	0.9246	0.9786	0.9785	0.0162	0.0162	-	0.0164
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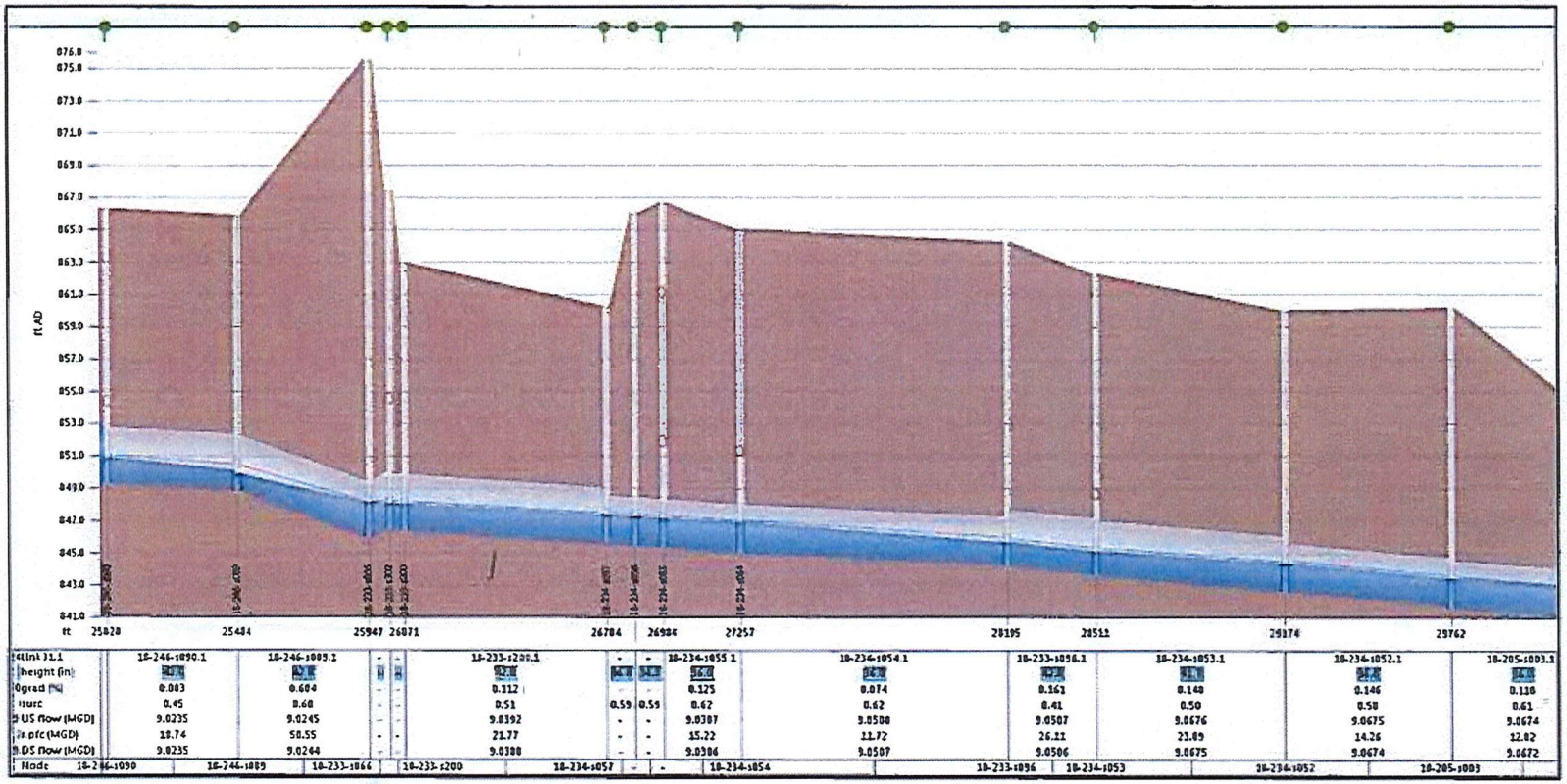
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US flow (MGD)
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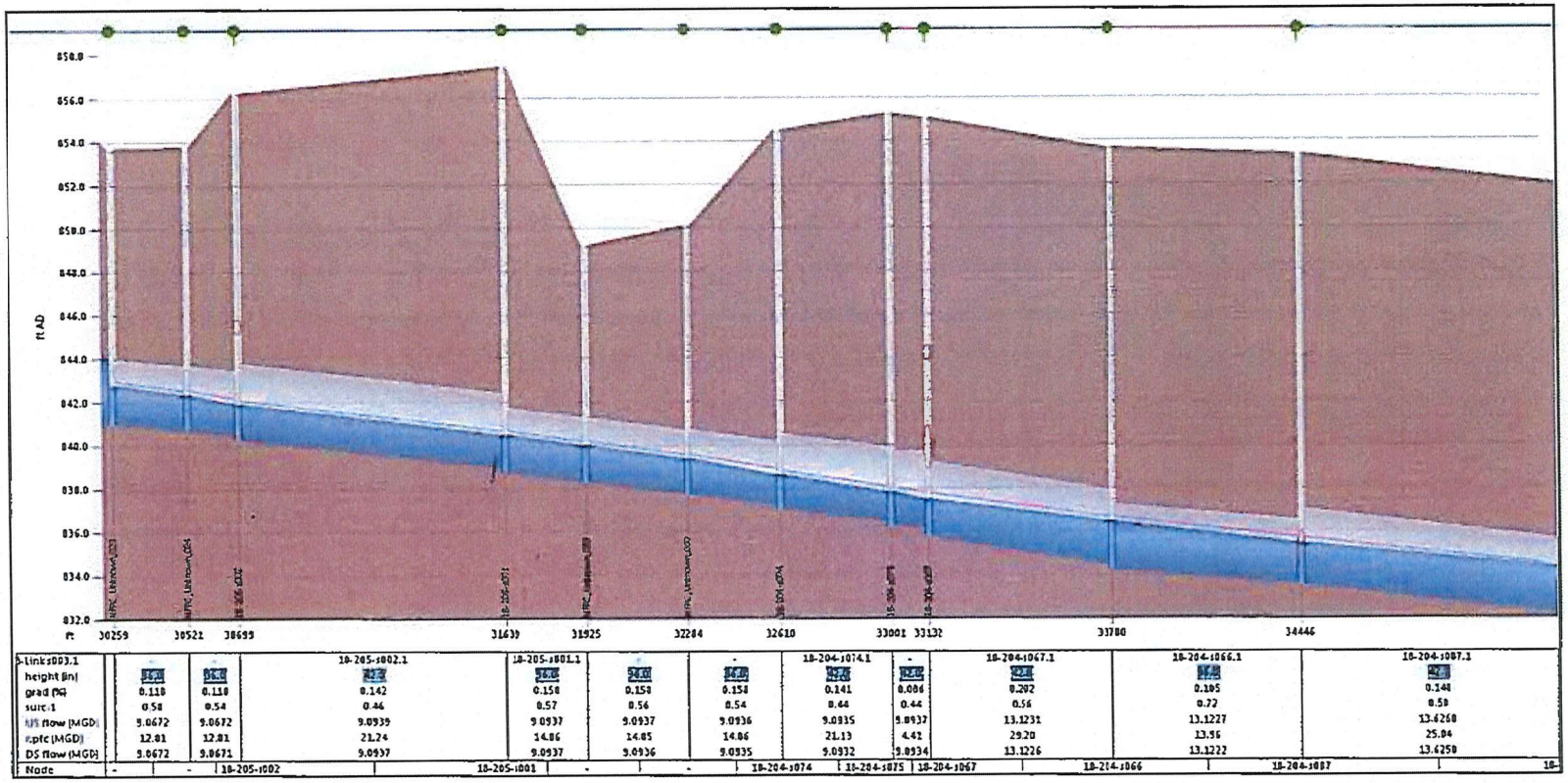
Section 6



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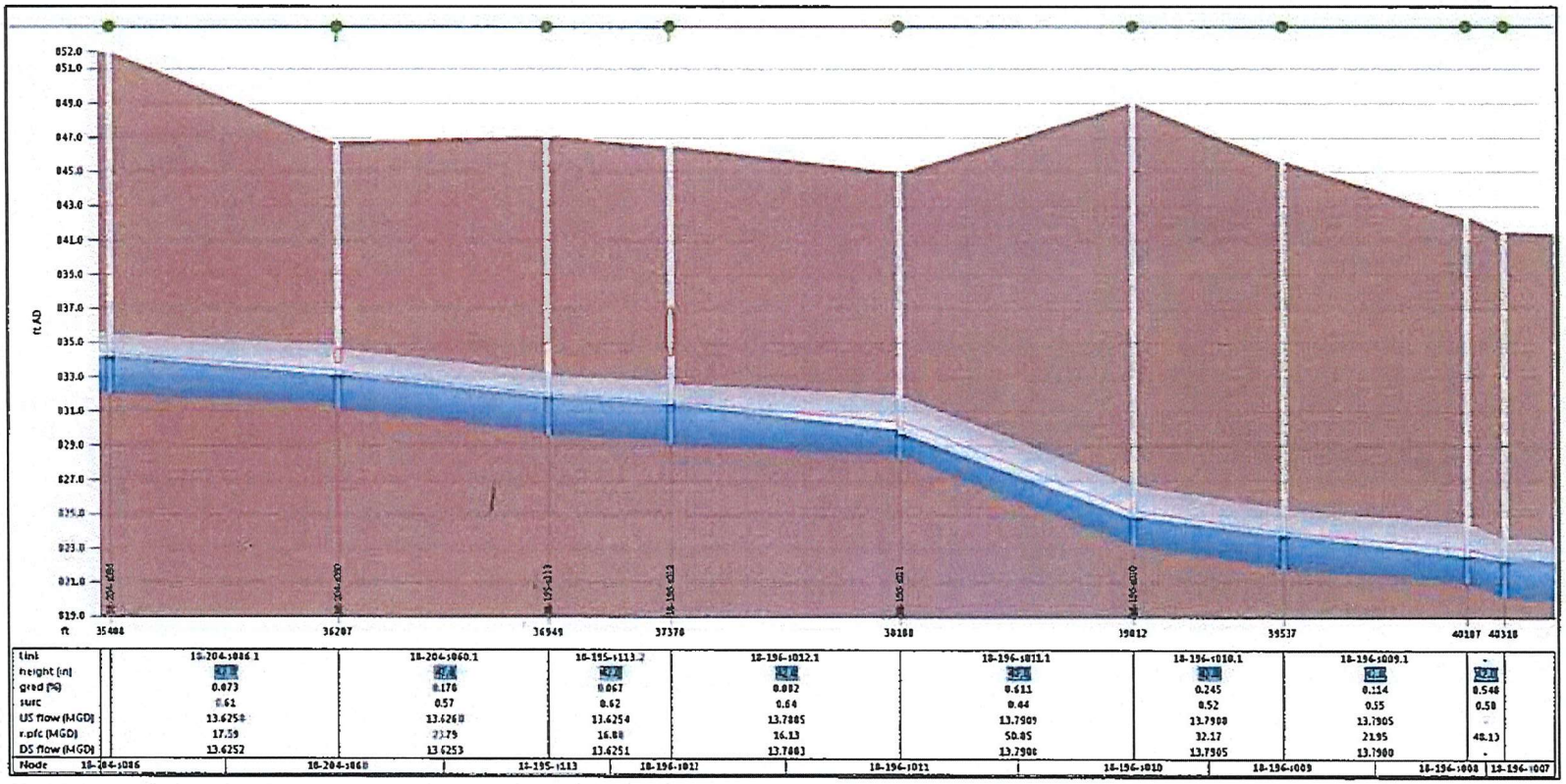
height (in)	96.0	96.0	42.0	96.0	94.0	94.0	94.0	92.0	42.0	42.0	42.0
grad (%)	0.110	0.110	0.142	0.158	0.158	0.158	0.141	0.086	0.202	0.105	0.148
surc:1	0.58	0.54	0.46	0.57	0.56	0.54	0.64	0.44	0.56	0.72	0.50
U/S flow (MGD)	9.0672	9.0672	9.0939	9.0937	9.0937	9.0936	9.0935	9.0937	13.1231	13.1227	13.4260
#:pfc (MGD)	12.81	12.81	21.24	14.86	14.85	14.86	21.13	4.41	29.20	13.56	25.04
DS flow (MGD)	9.0672	9.0671	9.0937	9.0937	9.0936	9.0935	9.0932	9.0934	13.1226	13.1222	13.4250
Node	-	-	18-205-s002	18-205-s001	-	-	18-204-s074	18-204-s075	18-204-s067	18-204-s066	18-204-s087

Section 7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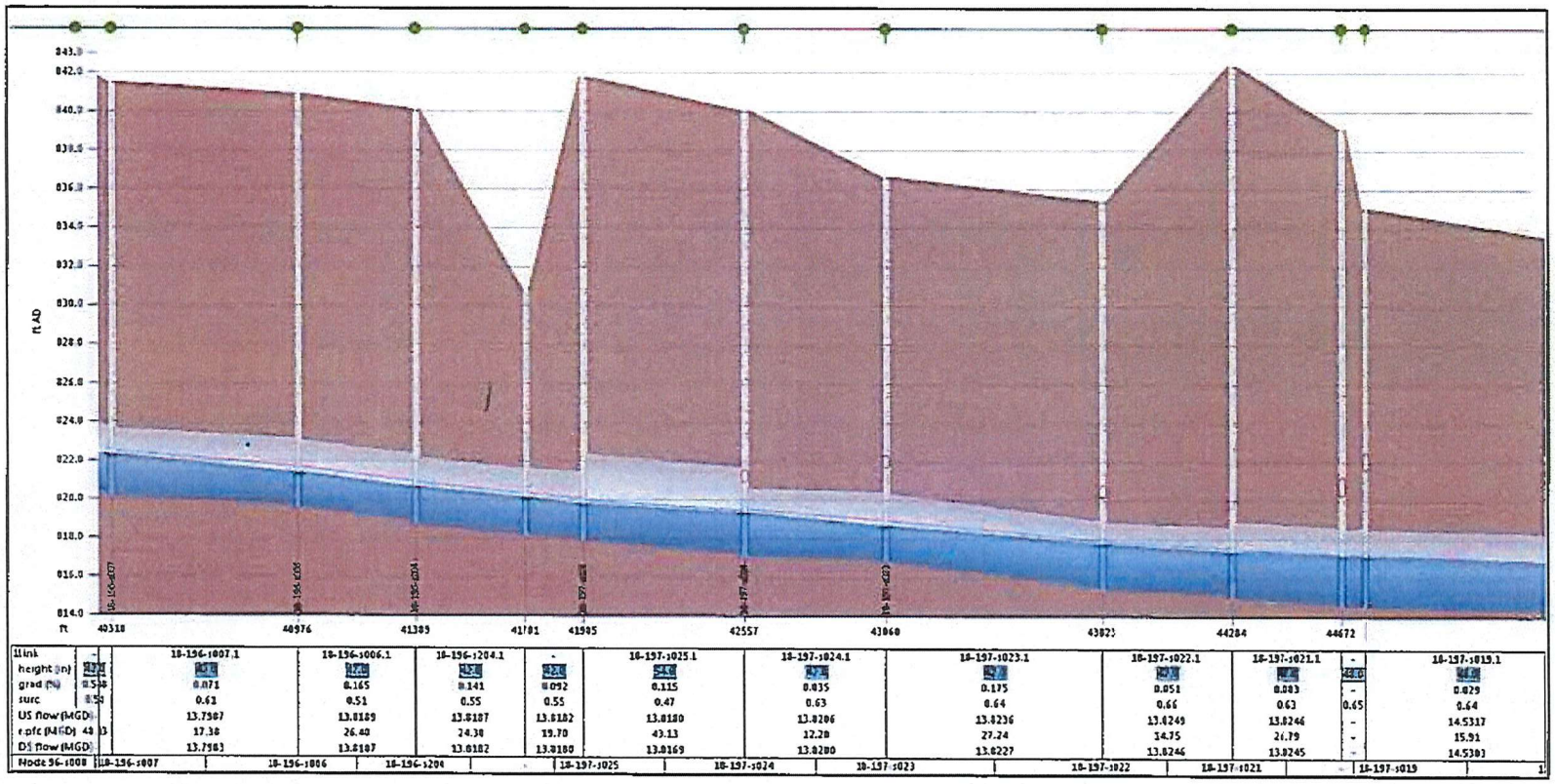
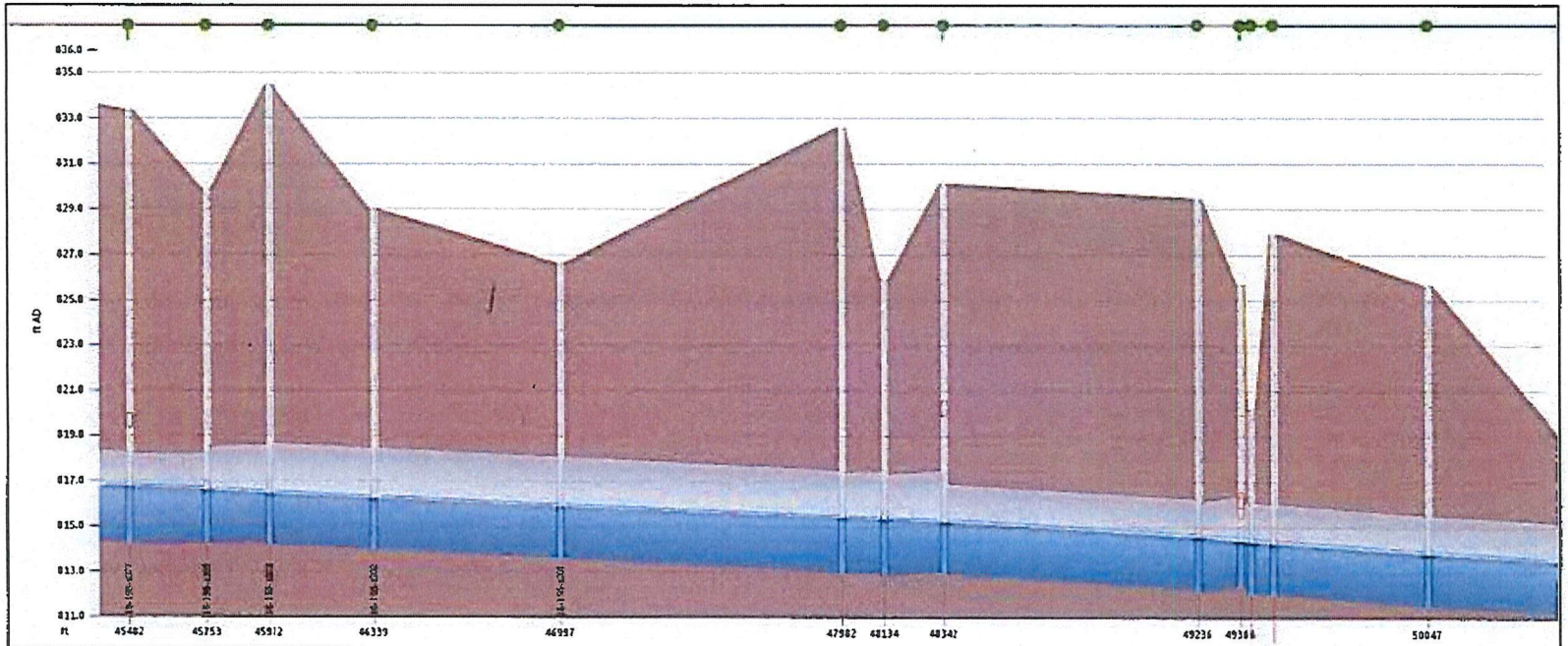
847.0
845.0
843.0
841.0
839.0
837.0
835.0
833.0
831.0
829.0
827.0
825.0
823.0
821.0
819.0
ft
35408
36207
36949
37378
38188
39012
39537
40187
40318
Link
height (in)
grad (%)
surc
US flow (MGD)
r.pfc (MGD)
DS flow (MGD)
18-204-1086.1
18-204-1060.1
18-195-1113.2
18-196-1012.1
18-196-1011.1
18-196-1010.1
18-196-1009.1
0.073
0.176
0.067
0.082
0.611
0.245
0.114
0.548
0.61
0.57
0.62
0.64
0.44
0.52
0.55
0.50
13.6258
13.6260
13.6254
13.7885
13.7909
13.7908
13.7905
17.59
22.75
16.88
16.13
50.85
32.17
21.95
48.13
13.6252
13.6253
13.6251
13.7883
13.7908
13.7905
13.7900
Node
18-204-1086
18-204-1060
18-195-1113
18-196-1012
18-196-1011
18-196-1010
18-196-1009
18-196-1008
18-196-1007

Section 8

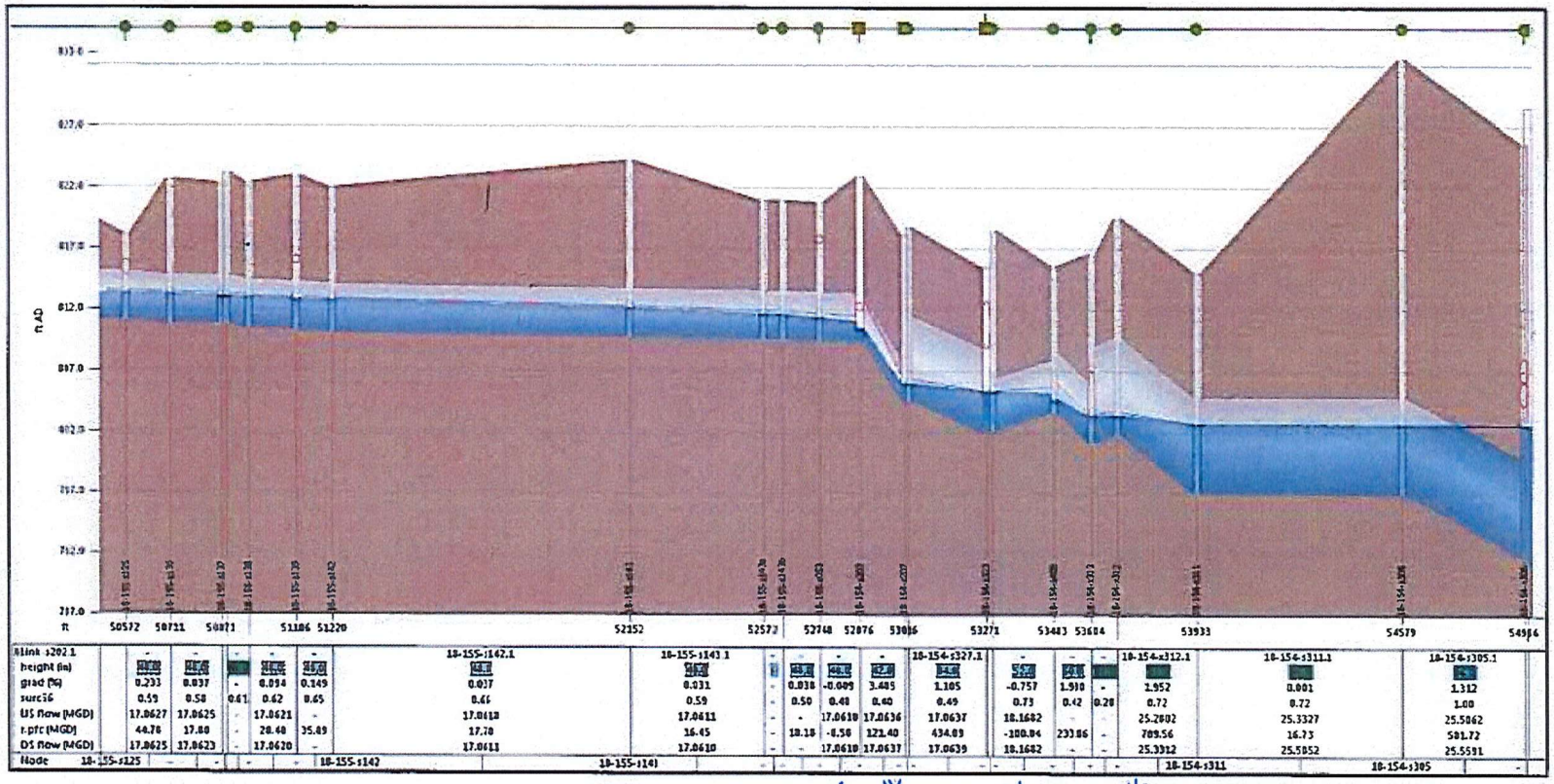

ft AD
ft
40318
40976
41389
41701
41905
42557
43060
44284
44672
Link
height (in)
grad (%)
surc
US flow (MGD)
e.pfc (MGD)
DS flow (MGD)
Node 96-1008
18-196-1007.1
18-196-1006.1
18-196-1204.1
18-197-1025.1
18-197-1024.1
18-197-1023.1
18-197-1022.1
18-197-1021.1
18-197-1019.1
0.071
0.165
0.141
0.092
0.115
0.035
0.175
0.051
0.083
0.029
0.61
0.51
0.55
0.55
0.47
0.63
0.64
0.66
0.63
0.65
0.64
13.7507
13.8189
13.8187
13.8182
13.8180
13.8206
13.8236
13.8249
13.8246
14.5317
17.38
26.40
24.30
19.70
43.13
12.20
27.24
14.75
24.79
15.91
13.7503
13.8187
13.8182
13.8180
13.8169
13.8200
13.8227
13.8246
13.8245
14.5301
18-196-1007
18-196-1006
18-196-1204
18-197-1025
18-197-1024
18-197-1023
18-197-1022
18-197-1021
18-197-1019

Section 9



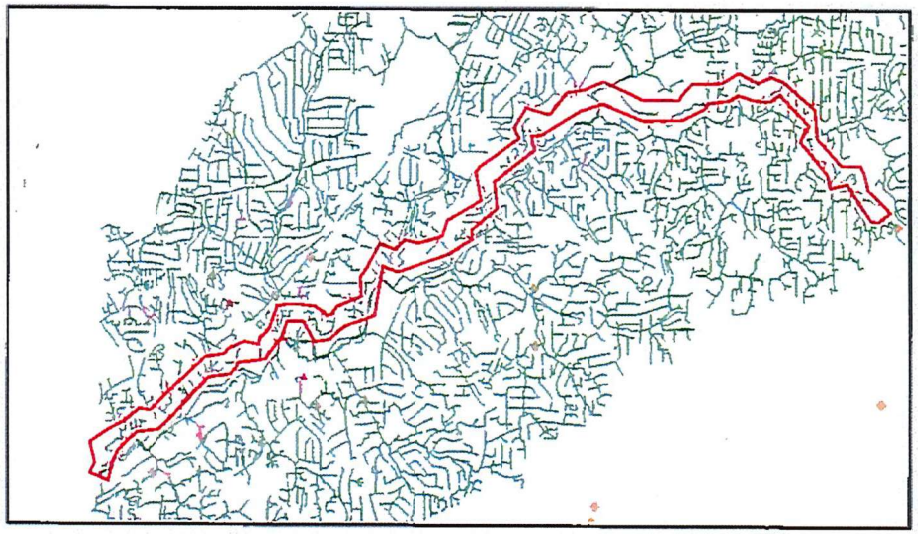
Slink 19.1		18-198-s077.1	-	18-156-s203.1	18-156-s202.1	18-156-s201.1	-	-	18-156-s022.1	-	-	18-156-s122.1	18-155-s202.1
height (in)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
Ograd (%)		0.004	0.042	0.059	0.058	0.050	-0.014	-0.078	0.074	-0.146	-	0.097	0.065
n/arc		0.63	0.54	0.50	0.50	0.52	0.55	0.55	0.57	0.59	-	0.56	0.56
4US flow (MGD)		14.5315	14.5311	14.5308	14.5302	14.5291	14.5274	14.5272	15.5665	15.5676	-	15.5700	15.5701
Inpfc (MGD)		5.92	-23.42	30.75	30.71	30.73	-15.30	-35.39	25.26	-35.43	-	28.09	23.73
4DS flow (MGD)		14.5311	14.5308	14.5302	14.5291	14.5274	14.5273	14.5270	15.5655	15.5674	-	15.5701	15.5696
Node	18-198-r077	-	18-156-r203	18-156-r202	18-156-r201	18-156-s024	-	18-156-s022	18-156-s026	-	18-156-s122	18-155-s202	18-15

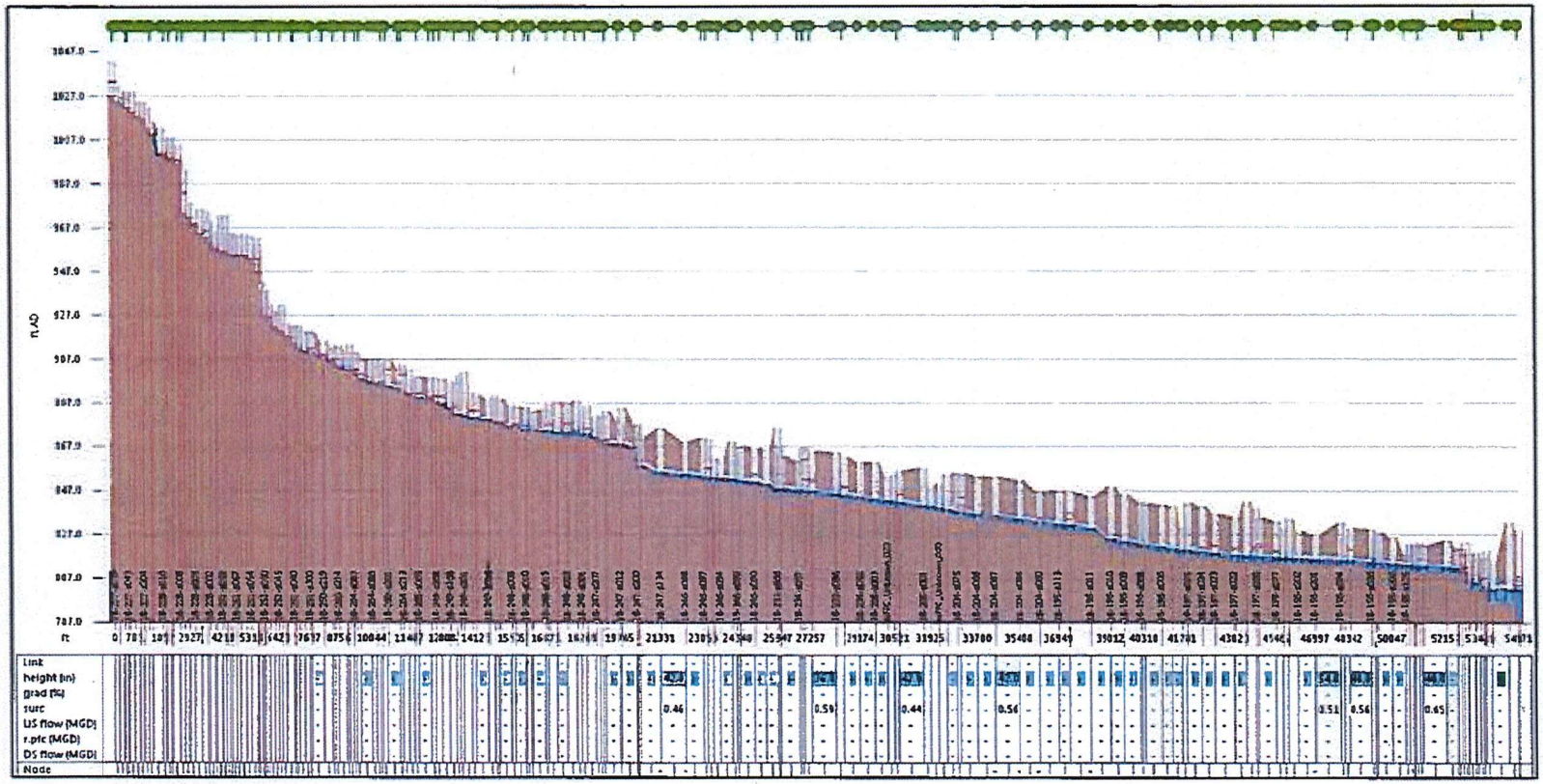
Section 10


m AD
ft
50572
50711
50871
51186
51220
52352
52573
52748
52876
53036
53271
53483
53604
53933
54579
54956
Blink
height (in)
grad (%)
surc16
US flow (MGD)
r.pfc (MGD)
DS flow (MGD)
Node
18-155-s125
18-155-s142
18-155-s141
18-154-s311
18-154-s305

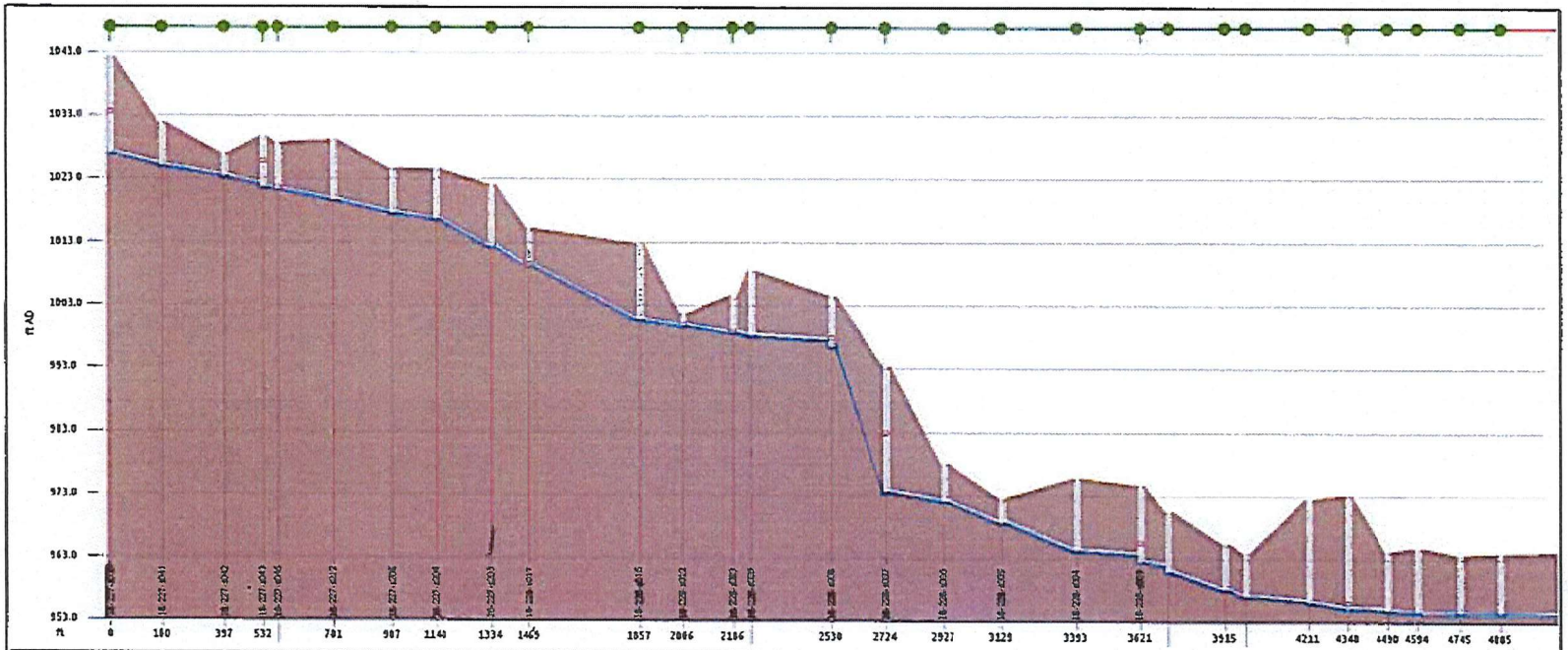
Section 11

4704 Lavista Road – December 2017 Model MMADF Run Version 48 (2019 Scenario)



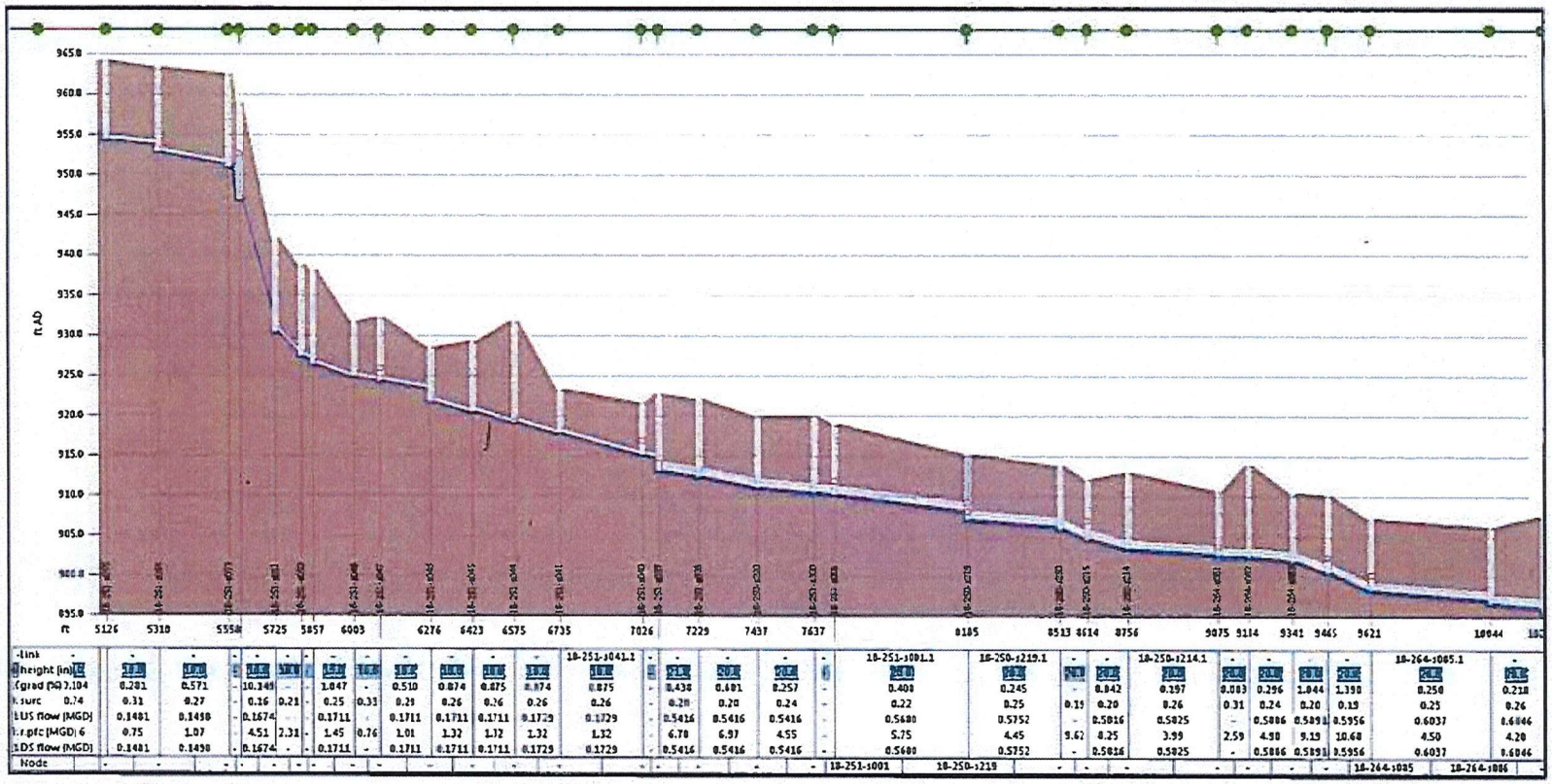


Entire Section

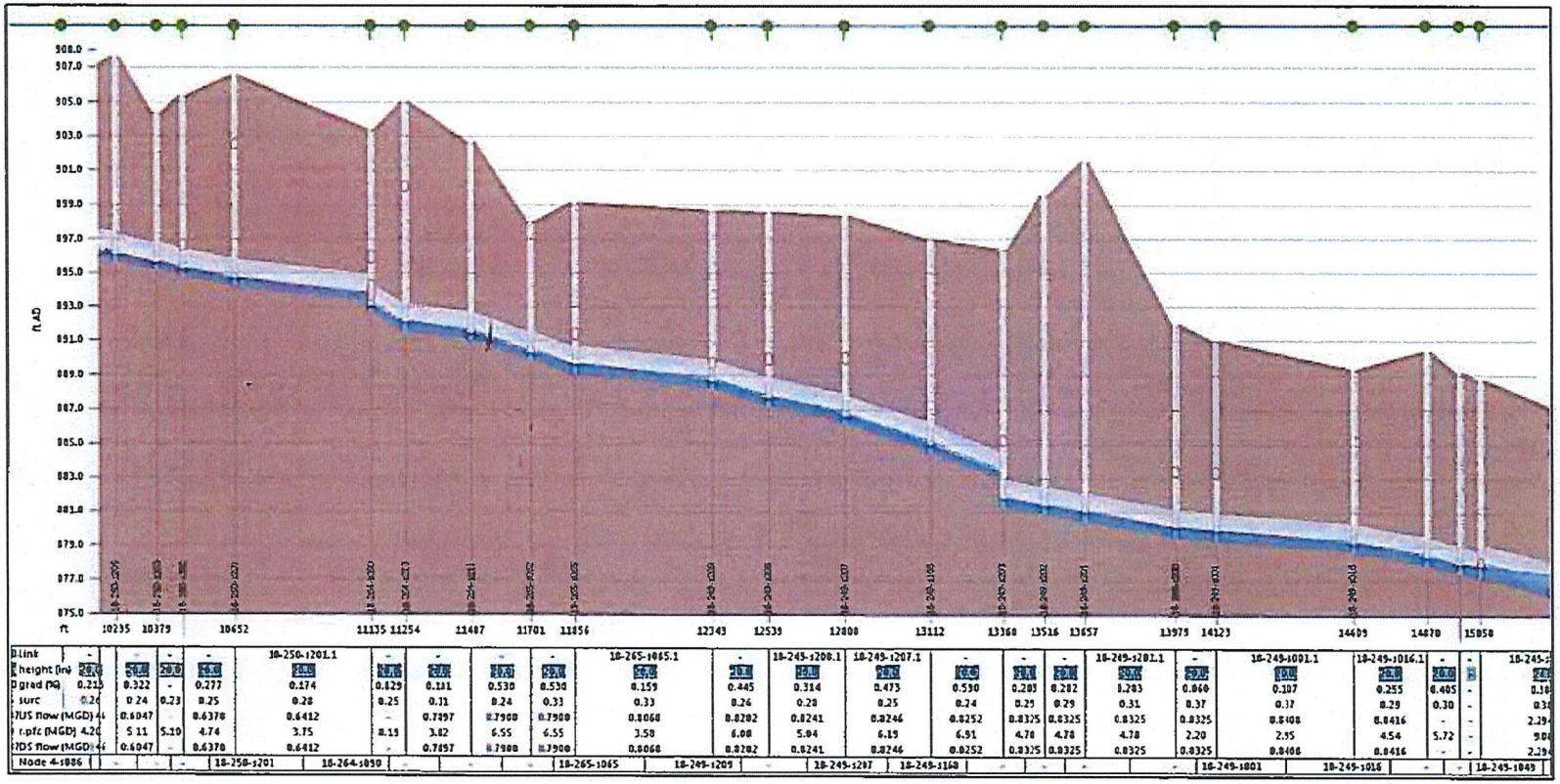


link	-	-	-	-	-	-	-	-	-	18-220-1017.1	-	-	-	18-220-1009.1	-	-	-	18-220-1005.1	-	-	-	-	-	-	-	-	-	-	-
height (in)	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
grad (%)	0.942	0.676	0.881	-	0.745	0.917	0.517	2.228	2.229	2.204	0.598	0.598	-	0.261	11.647	0.695	1.646	1.644	0.285	-	1.386	-	0.334	0.644	0.091	0.325	0.040	0.064	-0.104
surc	0.22	0.24	0.23	-	0.25	0.24	0.27	0.20	0.21	0.21	0.28	0.28	-	0.26	0.14	0.23	0.20	0.20	0.29	0.25	0.22	-	0.29	0.27	0.35	0.44	0.58	0.67	0.74
US flow (MGD)	0.0691	0.0696	0.0696	-	0.0762	0.0765	0.0768	0.0781	0.0781	0.0856	0.0856	0.0883	-	0.0941	0.1126	0.1225	0.1236	0.1236	0.1253	-	0.1385	-	0.1391	0.1393	0.1470	-	0.1481	0.1481	0.1481
r.pfc (MGD)	0.76	0.64	0.73	-	0.67	0.75	0.56	1.17	1.17	1.16	0.60	0.60	-	0.72	4.03	1.18	1.82	1.82	0.76	1.15	1.67	-	0.82	1.14	0.43	0.81	0.28	0.36	-0.46
DS flow (MGD)	0.0691	0.0696	0.0696	-	0.0762	0.0765	0.0768	0.0781	0.0781	0.0856	0.0856	0.0883	-	0.0941	0.1126	0.1225	0.1236	0.1236	0.1253	-	0.1385	-	0.1391	0.1393	0.1470	-	0.1481	0.1481	0.1481
Node	-	-	-	-	-	-	-	-	-	18-220-1017	18-220-1016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

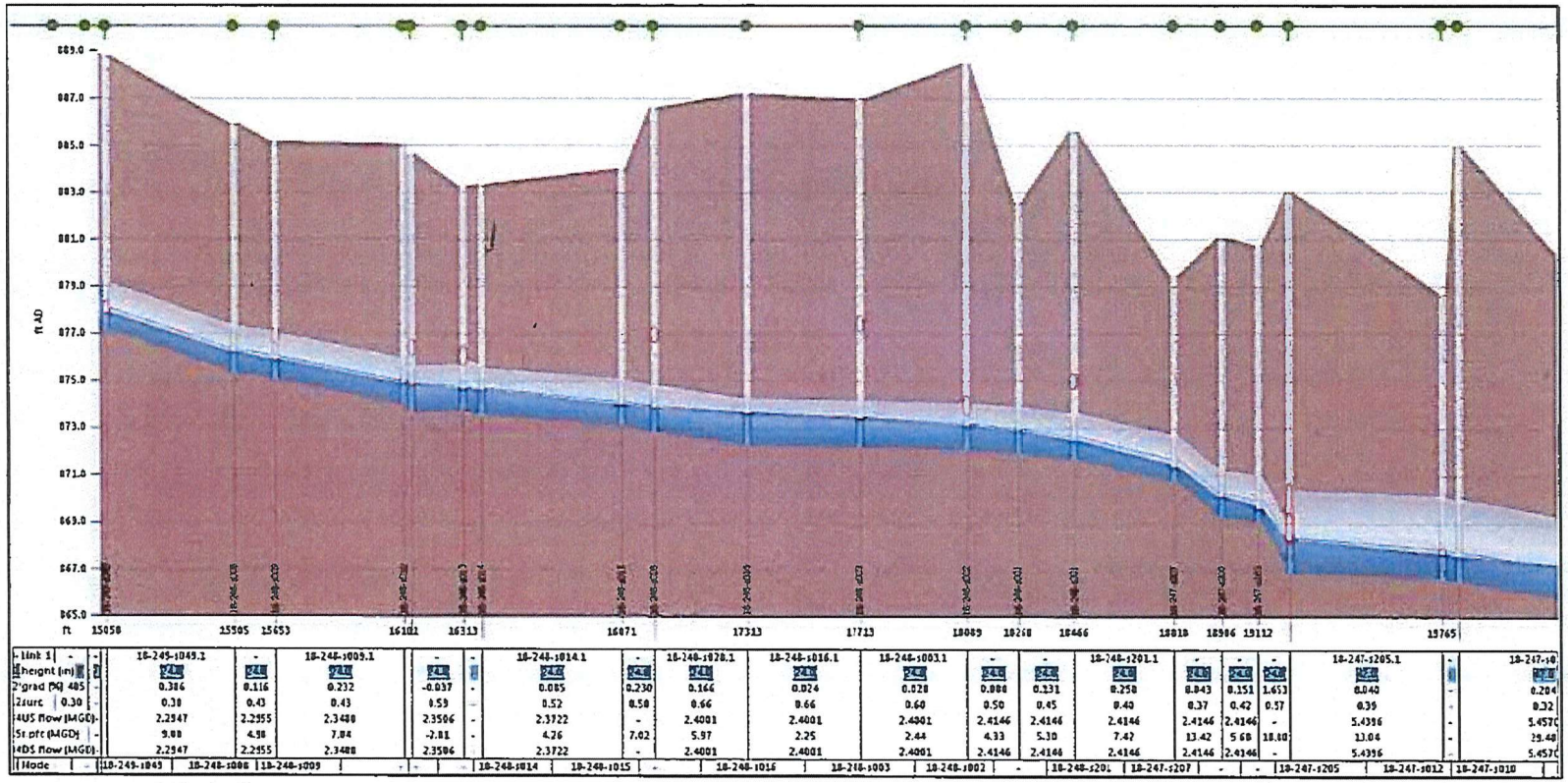
Section 1


ft AD
965.0
960.0
955.0
950.0
945.0
940.0
935.0
930.0
925.0
920.0
915.0
910.0
905.0
900.0
895.0
ft 5126 5310 5558 5725 5857 6003 6276 6423 6575 6735 7026 7229 7437 7637 8185 8513 8614 8756 9075 9114 9341 9465 9621 10044
-Link
height [in]
(grad (%) 7.104
surc 0.74
LUS flow [MGD]
r.pfc [MGD] 6
DS flow [MGD]
Node
18-251-s041.1
18-251-s001.1
18-250-s219.1
18-250-s214.1
18-264-s085.1
18-251-s001
18-250-s219
18-264-s085
18-264-s086

Section 2

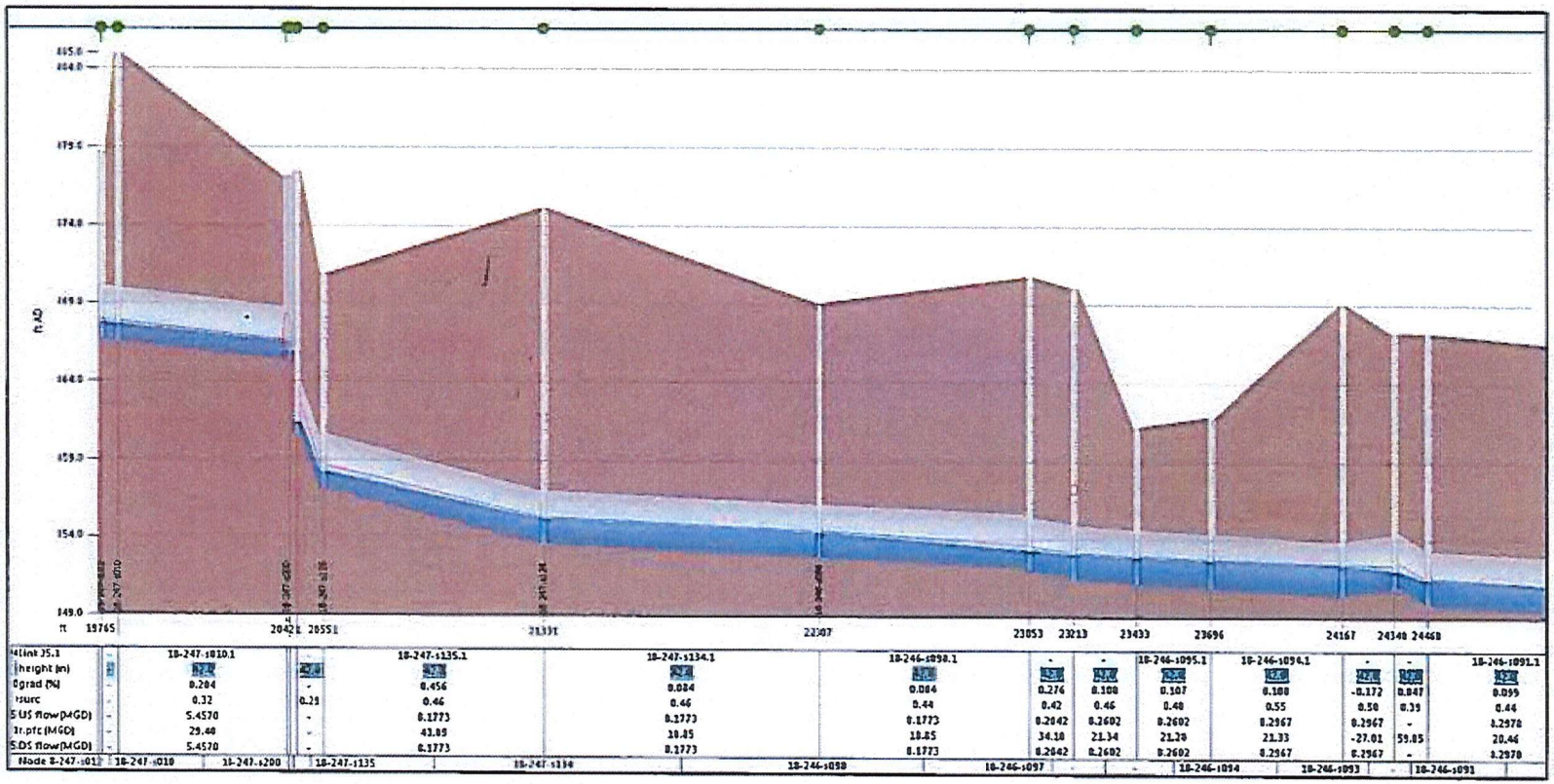

ft AD
ft
10235 10379 10652 11135 11254 11487 11701 11856 12343 12539 12800 13112 13360 13516 13657 13975 14123 14409 14870 15050

Section 3

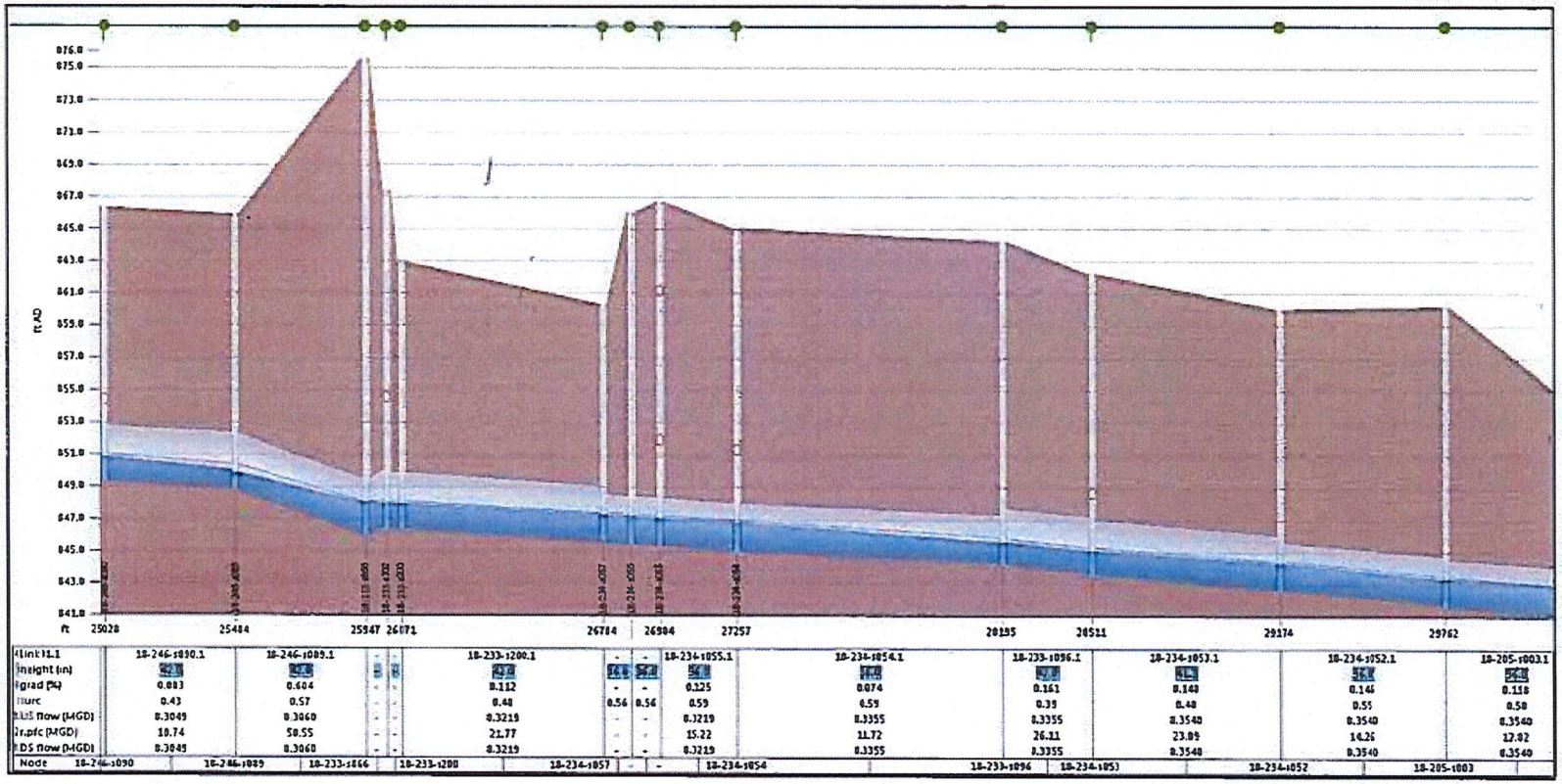


Link 1	-	18-249-1049.1	-	18-248-1009.1	-	-	18-248-1014.1	-	18-248-1028.1	18-248-1016.1	18-248-1003.1	-	-	18-248-1201.1	-	-	-	18-247-1205.1	-	18-247-1
Height (in)		24.0	24.0	24.0	24.0		24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0		24.0
Grad (%) 485	-	0.386	0.116	0.232	-0.037	-	0.085	0.230	0.166	0.024	0.028	0.088	0.131	0.258	0.043	0.151	1.653	0.040	-	0.204
Surc 0.30	-	0.38	0.43	0.43	0.53	-	0.52	0.50	0.66	0.66	0.60	0.50	0.45	0.40	0.37	0.42	0.57	0.39	-	0.32
4US flow (MGD)	-	2.2947	2.2955	2.3488	2.3506	-	2.3722	-	2.4001	2.4001	2.4001	2.4146	2.4146	2.4146	2.4146	2.4146	-	5.4356	-	5.4570
Sr pft (MGD)	-	9.08	4.98	7.84	-2.81	-	4.76	7.02	5.97	2.25	2.44	4.33	5.30	7.42	13.42	5.68	18.80	13.04	-	29.48
4DS flow (MGD)	-	2.2947	2.2955	2.3488	2.3506		2.3722	-	2.4001	2.4001	2.4001	2.4146	2.4146	2.4146	2.4146	2.4146	-	5.4356	-	5.4570
Node	-	18-249-1045	18-248-1008	18-248-1009	-	-	18-248-1014	18-248-1015	-	18-248-1016	18-248-1003	18-248-1002	-	18-248-1201	18-247-1207	-	-	18-247-1205	18-247-1012	18-247-1010

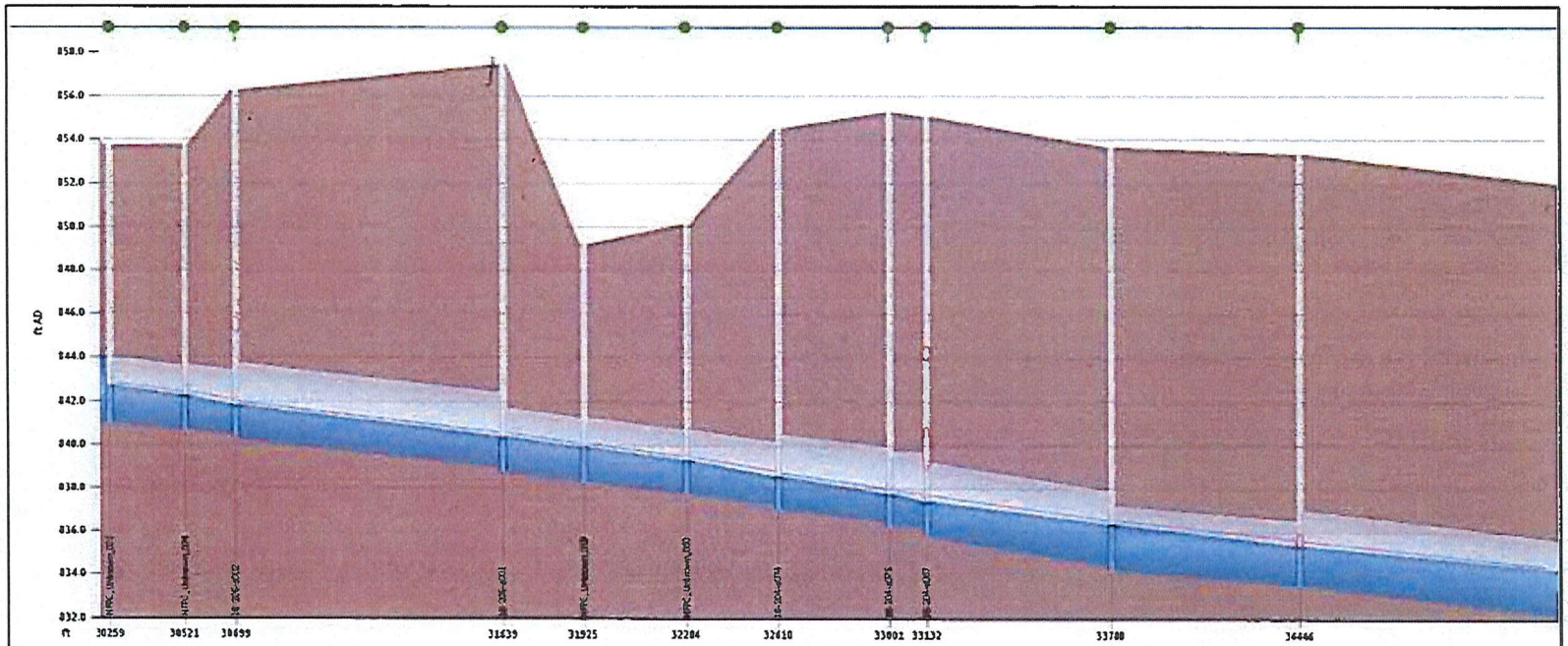
Section 4


ft AD
ft
19765
20421
20551
21331
22307
23053
23213
23433
23696
24167
24340
24468
18-247-1010.1
18-247-1135.1
18-247-1134.1
18-246-1098.1
18-246-1095.1
18-246-1094.1
18-246-1091.1
height (in)
0.204
0.456
0.084
0.276
0.108
0.107
0.108
-0.172
0.047
0.099
0.32
0.46
0.44
0.42
0.46
0.40
0.55
0.50
0.39
0.44
5.4570
0.1773
0.1773
0.1773
0.2042
0.2602
0.2602
0.2967
0.2967
0.2970
29.40
43.85
18.85
18.85
34.18
21.34
21.20
21.33
-27.01
59.85
20.46
5.4570
0.1773
0.1773
0.1773
0.2042
0.2602
0.2602
0.2967
0.2967
0.2970
18-247-1010
18-247-1200
18-247-1135
18-247-1134
18-246-1098
18-246-1097
18-246-1094
18-246-1093
18-246-1091

Section 5

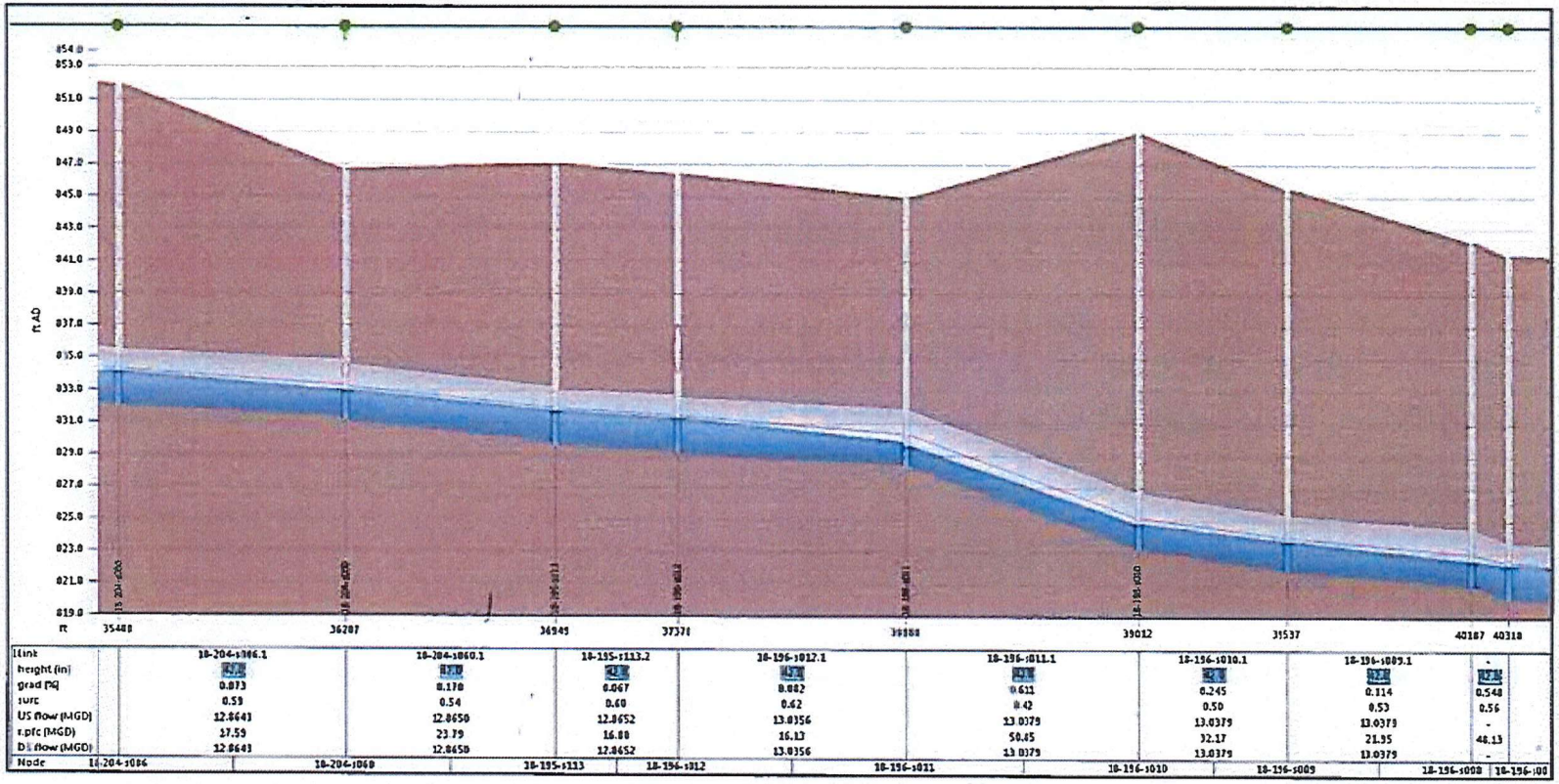

ft AD
ft
25028
25484
25947
26071
26784
26984
27257
28195
28511
29174
29762
Node

Section 6

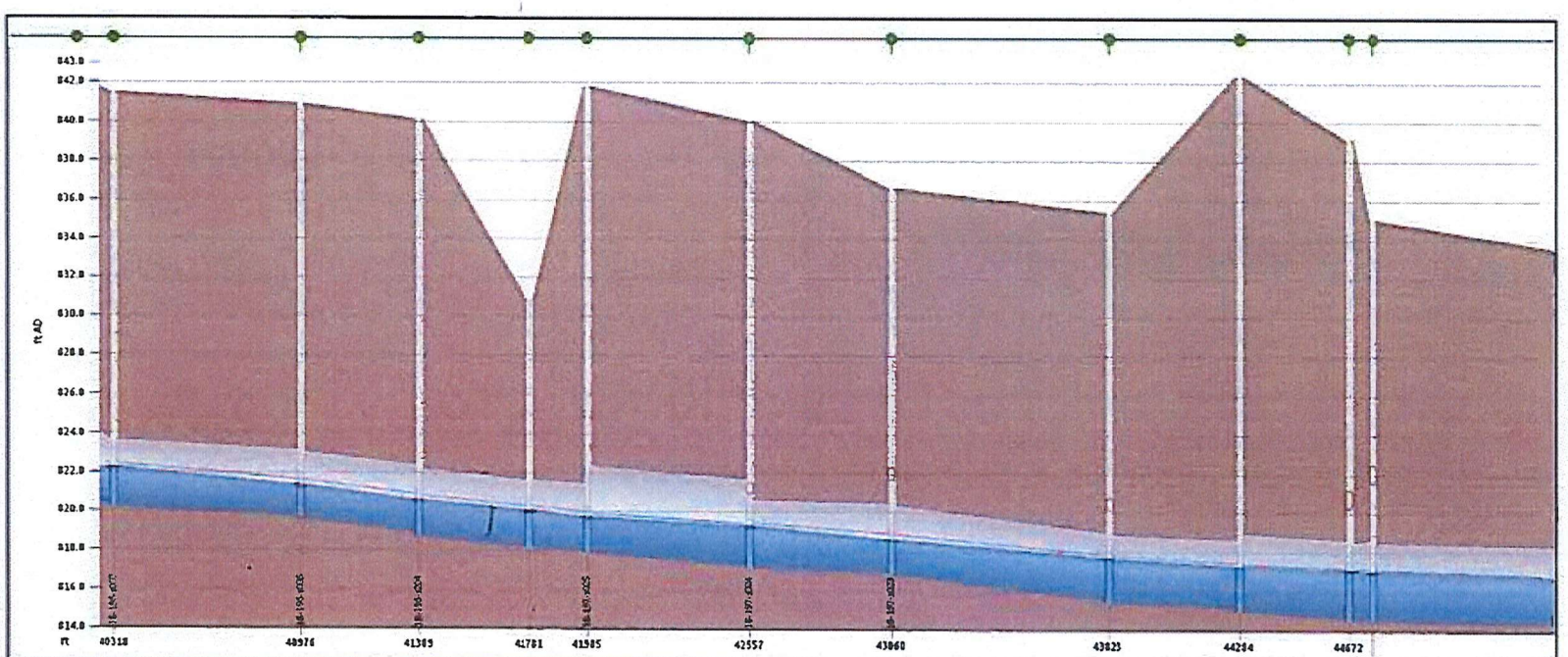


-Link s003.1	-	-	18-205-s002.1	18-205-s001.1	-	-	18-204-s074.1	-	18-204-s067.1	18-204-s066.1	18-204-s087.1
height (in)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
grad (%)	0.110	0.110	0.342	0.158	0.158	0.158	0.141	0.086	0.202	0.105	0.148
sure 8	0.56	0.52	0.44	0.54	0.53	0.51	0.43	0.42	0.54	0.69	0.56
US flow (MGD)	0.3540	0.3540	0.3773	0.3773	0.3773	0.3773	0.3773	0.3773	12.3676	12.3676	12.8643
r.pfc (MGD)	12.81	12.81	21.24	14.86	14.85	14.86	21.13	4.41	29.20	23.96	25.04
DS flow (MGD)	0.3540	0.3540	0.3773	0.3773	0.3773	0.3773	0.3773	0.3773	12.3676	12.3676	12.8643
Node	-	-	18-205-s002	18-205-s001	-	-	18-204-s074	18-204-s075	18-204-s067	18-204-s066	18-204-s087

Section 7

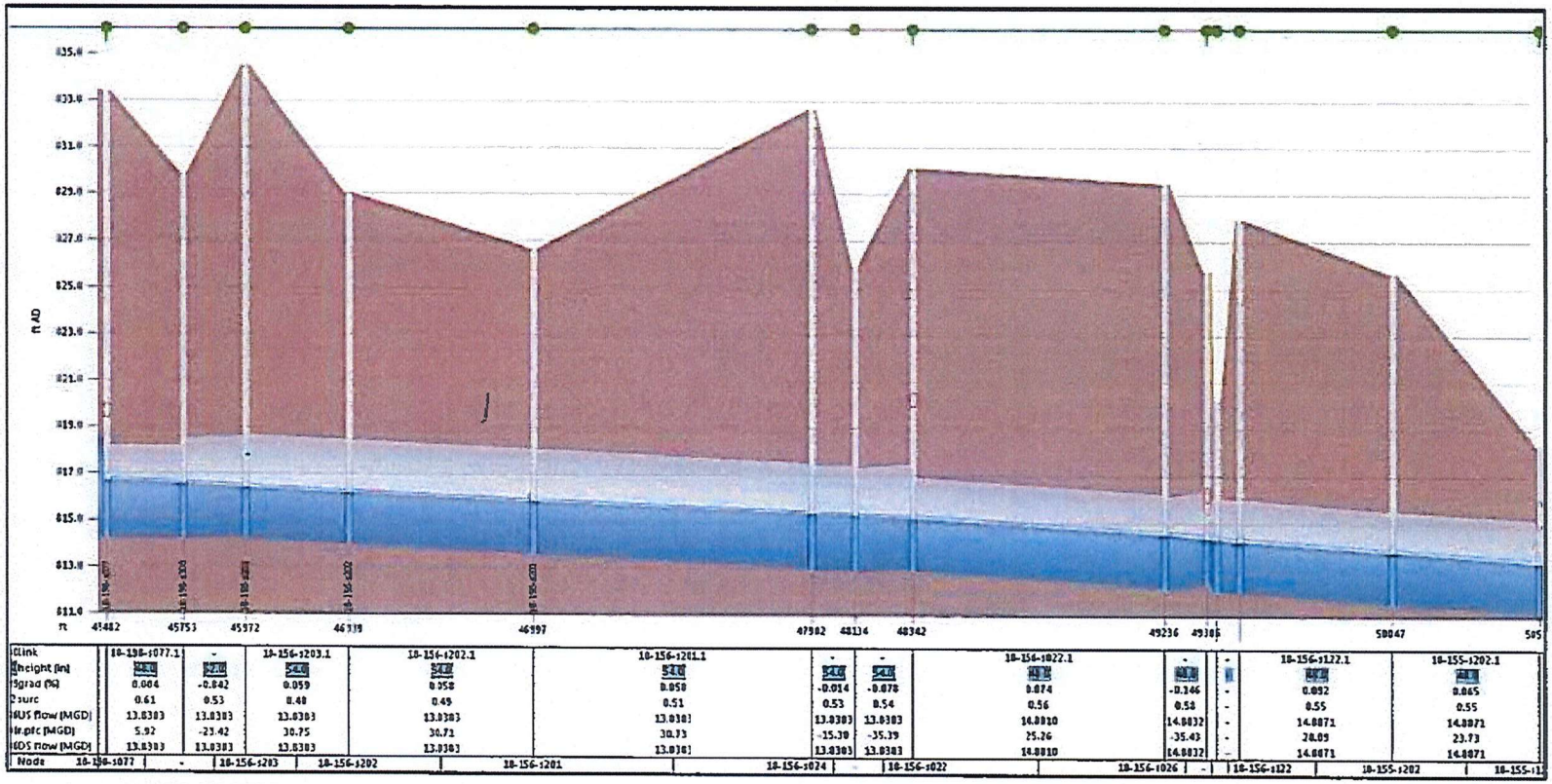

ft-AD
ft
35488
36207
36945
37371
39012
31537
40187
40318
Link
height (in)
grad (%)
surc
US flow (MGD)
r.pfc (MGD)
DS flow (MGD)
Node
18-204-s086
18-204-s060
18-195-s133
18-196-s012
18-196-s011
18-196-s010
18-196-s009
18-196-s008
18-196-s00

Section 8

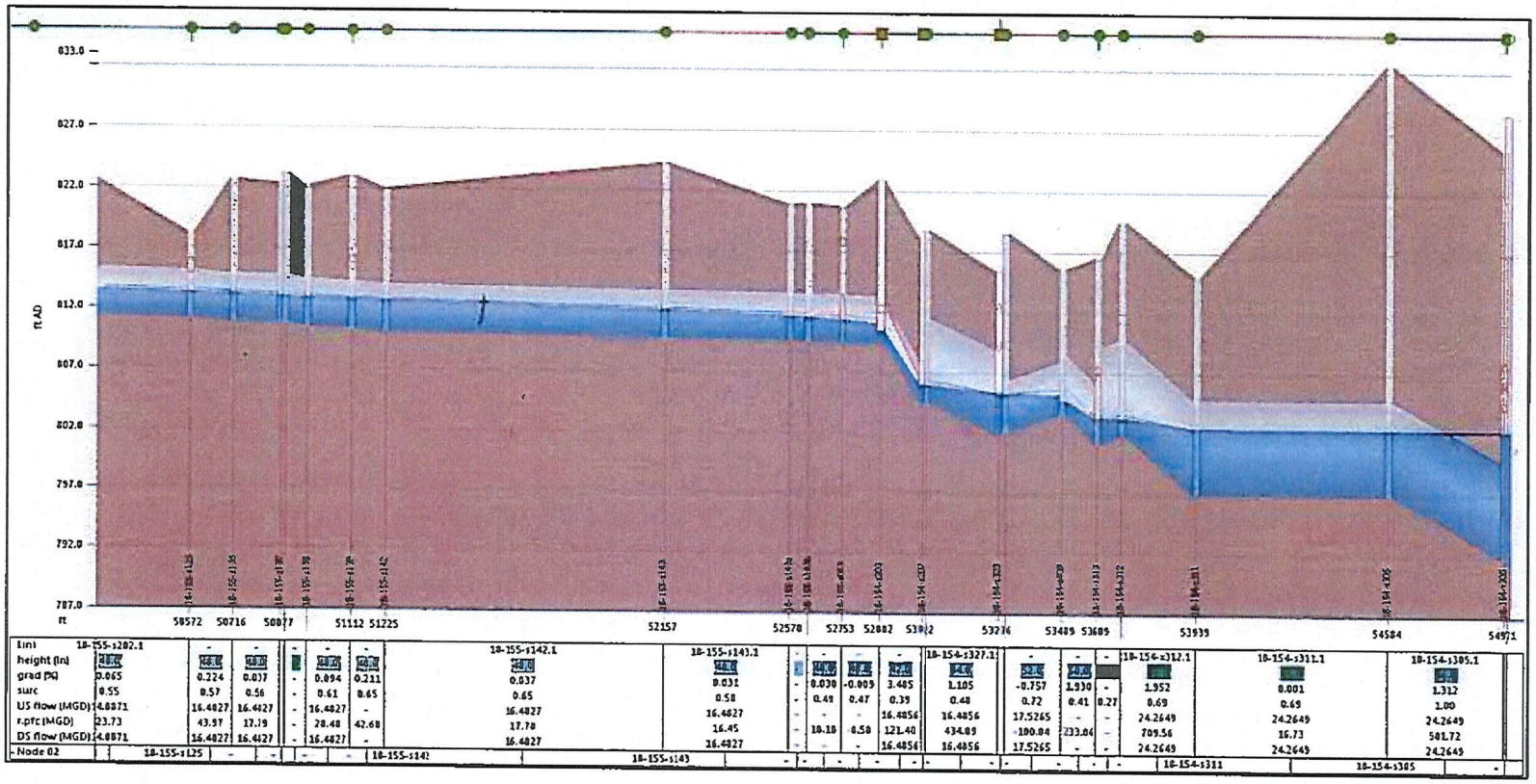


link	-	18-196-1007.1	18-196-1006.1	18-196-1204.1	-	18-197-1025.1	18-197-1024.1	18-197-1023.1	18-197-1022.1	18-197-1021.1	-	18-197-1019.1
height (in)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
grad (%)	0.5[illegible]	0.071	0.165	0.141	0.092	0.115	0.035	0.175	0.051	0.003	-	0.025
surc	0.56	0.55	0.50	0.53	0.53	0.45	0.61	0.62	0.64	0.61	0.63	0.62
US flow (MGD)		13.0467	13.0645	13.0645	13.0645	13.0645	13.0686	13.0726	13.0750	13.0750	-	13.8369
r.pfc (MGD)	48.13	17.38	26.40	24.38	19.78	43.13	12.20	27.24	14.75	26.79	-	15.91
DS flow (MGD)	-	13.0467	13.0645	13.0645	13.0645	13.0645	13.0686	13.0726	13.0750	13.0750	-	13.8369
Node 96-1008	18-196-1007	18-196-1006	18-196-1204	-	18-197-1025	18-197-1024	18-197-1023	18-197-1022	18-197-1021	-	18-197-1019	3

Section 9


ft AD
35.0
33.0
31.0
29.0
27.0
25.0
23.0
21.0
19.0
17.0
15.0
13.0
11.0
ft
45482
45753
45972
46319
46997
47982
48114
48342
49236
50047
Link
Node

Section 10



Section 11

Intergovernmental Agreement Max Month Daily Flow Capacity for Nancy Creek, North Fork Peachtree Creek, South Fork Peachtree Creek and Misc. is 59.23 MGD