

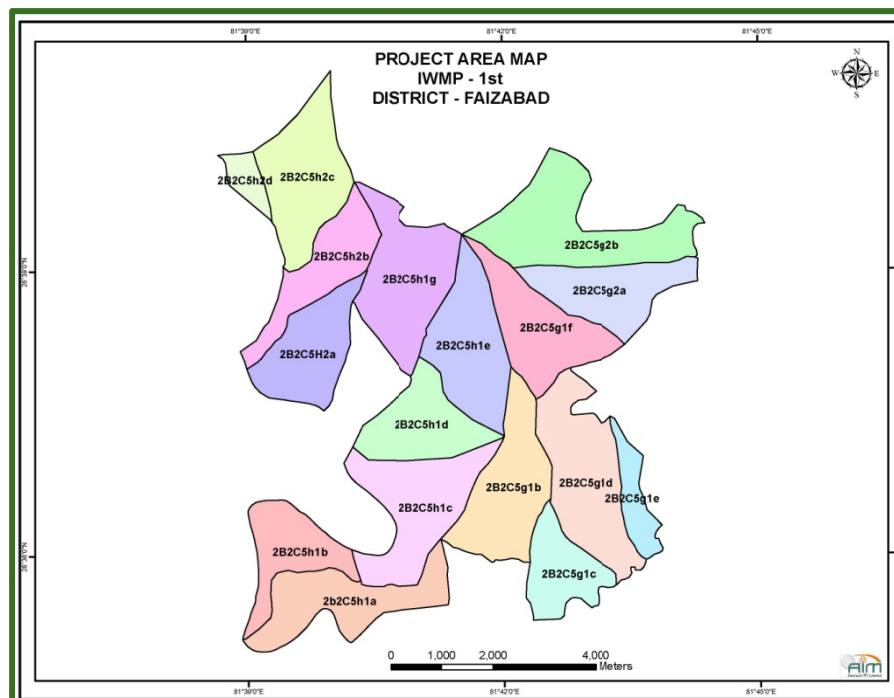
# DETAILED PROJECT REPORT

(IWMP-1st, (YEAR 2009-10) FAIZABAD)

INTEGRATED WATERSHED MANAGEMENT PROGRAMME

BLOCK – MAWAI

DISTRICT – FAIZABAD (UTTAR PRADESH)



Submitted to:-  
Department of Land Development &  
Water Resources, Lucknow (U.P.)



Prepared By:-  
Bhoomi Sanrakshan Adhikari  
Department of Land Development  
& Water Resources, Faizabad

## Contents

S.No.	Particulars	Page Nos.
<b>1.</b>	<b>INTRODUCTION AND PROJECT BACKGROUND</b>	<b>5</b>
1.1	Project Background	5
1.2	Need and scope for Watershed Development Programme	8
1.3	Weightage for the selection of the watershed	8
1.4	Details of ongoing watershed programme	11
<b>2.</b>	<b>GENERAL DESCRIPTION OF PROJECT AREA</b>	<b>12</b>
2.1	Location	12
2.2	Area and Land use	16
2.3	Physiography	17
2.4	Climate	18
<b>3.</b>	<b>BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL</b>	<b>20</b>
3.1	Socio-Economic Analysis	20
3.2	Land holding pattern	24
3.3	Migration: Pre Project Status	28
3.4	Crop & Productivity	39
3.5	Livestock	40
3.6	Livelihood Status	43
<b>4.</b>	<b>INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT</b>	<b>50</b>
4.1	Project Implementing Agency	50
4.2	Details of formation of User Groups	57
4.3	Details of Self Help Groups	61
4.4	Convergence in IWMP-I	64
<b>5.</b>	<b>MANAGEMENT / ACTION PLAN</b>	<b>65</b>
5.1	Entry Point Activity (EPA)	65

<b>S.No.</b>	<b>Particulars</b>	<b>Page Nos.</b>
5.2	Work Phase	67
5.3	<b>Livelihood Action Plan</b>	80
5.4	<b>Production system Action Plan</b>	84
6.	<b>CAPACITY BUILDING PLAN</b>	119
7.	<b>PHASING OF PROGRAMME AND BUDGETING</b>	122
7.1	Monitoring and Evaluation	122
7.2	Annual Action Plan	123
8.	<b>CONSOLIDATION AND WITHDRAWAL STRATEGY</b>	126
9.	<b>EXPECTED PROJECT OUTCOME</b>	127
9.1	Employment generation and checking migration	127
9.2	Other expected outcome	127
10.	<b>MAPs</b>	129
13.	<b>ANNEXURE-I STRUCTUREWISE COST DETAILS</b>	147
14.	<b>ANNEXURE-II WDF CONTRIBUTION DETAILS</b>	268

## List of Tables

S.No.	Particulars	Page Nos.
1.	Table 1.1: Basic Project Information	5
2.	Table 1.2: Approved plan Preliminary Project Report (PPR) by Steering Committee (SC), Govt. of India	6
3.	Table 1.3: Details of Micro Watersheds	6
4.	Table 1.4: Weighthage Criteria (for score)	8
5.	Table 2.1: General Description of the Project Area	12
6.	Table 2.2: Details of land resources in IWMP-I	16
7.	Table 2.3: Slope range in the project area for IWMP-I	17
8.	Table 2.4: Average monthly rainfall and temperature of the last 05 years	19
9.	Table 2.5: Flood and Drought Area	19
10.	Table 2.6: Details of Soil Erosion	20
11.	Table 3.1: Demographic Features in Project Area	25
12.	Table 3.2: Details of land holding pattern	28
13.	Table 3.3: Details of Migration: Pre Project status	29
14.	Table 3.4: Details of Village Infrastructure	38
15.	Table 3.5: Soil Texture	39
16.	Table 3.6: Crop Production & Productivity	40
17.	Table 3.7: Details of Livestock Population	40
18.	Table 3.8: Details of Livestock Productivity	41
19.	Table 3.9: Details of Livelihood Status of Landless/Assetless people (Pre Project status)	43
20.	Table 3.10: Details of Livelihood Status Other Farmers	45
21.	Table 3.11: Details of Present Livelihood Status	47
22.	Table 3.12: Ground Water Status	48
23.	Table 3.13: Irrigation Status	49
24.	Table 4.1: Details of Project Implementing Agency (PIA)	50

<b>S.No.</b>	<b>Particulars</b>	<b>Page Nos.</b>
<b>25.</b>	Table 4.2: Details of Staff at PIA	<b>51</b>
<b>26.</b>	Table 4.3: Details of Watershed Development Team (WDT)	<b>52</b>
<b>27.</b>	Table 4.4: Details of Watershed Committee (WC)	<b>53</b>
<b>28.</b>	Table 4.5 Details of User Groups	<b>57</b>
<b>29.</b>	Table 4.6: Details of Self Help Groups	<b>61</b>
<b>30.</b>	Table 4.7: List of State/Central Govt. Schemes	<b>64</b>
<b>31.</b>	Table 4.8: Details of Convergence of IWMP with other Schemes	<b>64</b>
<b>32.</b>	Table 5.1: Details of EPA	<b>65</b>
<b>33.</b>	Table 5.2: Micro Watershed/Gram Panchayat wise details of Watershed Development Activities proposed	<b>68</b>
<b>34.</b>	Table 5.3: Livelihood Activities for Landless/Assetless People	<b>80</b>
<b>35.</b>	Table 5.4: Estimate for Crop Demonstration	<b>84</b>
<b>36.</b>	Table 5.5: Crop Demonstration (Details)	<b>86</b>
<b>37.</b>	Table 5.6: Seed Distribution details	<b>100</b>
<b>38.</b>	Table 5.7: Production system based Micro Enterprise	<b>111</b>
<b>39.</b>	Table 6.1: List of identified training institutes for capacity building	<b>119</b>
<b>40.</b>	Table 6.2: Training to stakeholders on participatory watershed management	<b>120</b>
<b>41.</b>	Table 6.3: Capacity Building Annual Action Plan	<b>120</b>
<b>42.</b>	Table 7.1: Yearwise financial phasing (Rs. In lacs)	<b>123</b>
<b>43.</b>	Table 7.2: Details of proposed watershed wise Convergence in the project	<b>124</b>
<b>44.</b>	Table 9.1 Expected Benefits	<b>127</b>
<b>45.</b>	Table I.1 Watershed wise and Structurewise Cost of Watershed development activities	<b>212</b>
<b>46.</b>	Table II.1 Contribution to Watershed Development Fund (WDF)	<b>268</b>

## CHAPTER-1

### INTRODUCTION AND PROJECT BACKGROUND

#### **1.1: Project Background:**

IWMP-1 project is located in Mawai **Block** of **Faizabad District, U.P.** The project is a **cluster** of 17 Micro watersheds. The total project (geographical) area of the watershed cluster is about 5407 ha out of this 4994 ha has been undertaken to be treated under **Integrated Watershed Management Program** (IWMP-1<sup>st</sup>) with starting year 2009-10.

**Table 1.1: Basic Project Information:**

<b>Sl.No.</b>	<b>Details</b>	<b>No.</b>	<b>Area (ha.)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Total Geographical area and watersheds in the District	222	234100
2	Workable Micro Watersheds and Geographical area	161	170245
3	Micro Watersheds already treated by LDWR & other agencies	121	127427
4	Balance Micro Watersheds/ Geographical area for treatment (After IWMP-1st)	144	164838

**Table 1.2: Approved plan Preliminary Project Report (PPR) by Steering Committee (SC), Govt. of India:**

Year	Project/Phase IWMP-I	MWS	Geographical Area/Treatable (ha)	Project Cost Rs. lacs	PIA	S.C. Meeting Date
1	2	3	4	5	6	7
2009-10	IWMP-I	17	5407/4994		B S A Faizabad	25.02.2009

**Table 1.3: Details of Micro Watersheds:**

S.No.	Code of Micro watersheds	Name of Micro Watersheds	Treatable Area (ha)	Name of River / Nalah in each MWS
1	2B2C5g1d	Bihara-3	131	Gomati River
2	2B2C5h2d	Bhawanipur	210	Gomati River
3	2B2C5h2c	Matha Newada-2	489	Gomati River
4	2B2C5h2b	Ganeshpur-2	255	Gomati River
5	2B2C5h2a	Ganeshpur-1	395	Gomati River
6	2B2C5h1d	Sunba-2	214	Gomati River
7	2B2C5h1e	Semsi-4	344	Gomati River
8	2B2C5g2b	Semsi-3	653	Gomati River
9	2B2C5g1b	Bihara-1	399	Gomati River
10	2B2C5g1c	Bihara-2	114	Gomati River
11	2B2C5g2a	Semsi-2	389	Gomati River
12	2B2C5g1f	Semsi-1	356	Gomati River
13	2B2C5g1e	Bihara-4	67	Gomati River

S.No.	Code of Micro watersheds	Name of Micro Watersheds	Treatable Area (ha)	Name of River / Nalah in each MWS
14	2B2C5h1g	Matha Newada-1	379	Gomati River
15	2B2C5h1c	Sunba-1	286	Gomati River
16	2B2C5h1b	Kasari-2	151	Gomati River
17	2b2C5h1a	Kasari-1	162	Gomati River
		<b>Total</b>	<b>4994</b>	

## **1.2: Need and scope for Watershed development programme:**

Watershed Development Programme is prioritized on the basis of thirteen parameters namely Poverty index, Percentage of SC/ST population, Actual wages, Percentage of small and marginal farmers, Ground water status, Moisture Index, Area under rainfed agriculture, Drinking water situation, Percentage of the degraded land, Productivity potential of the land, Continuity of another watershed that has already been treated, and Cluster approach for the area.

Cluster approach was followed taken into consideration for micro-watersheds covering a total geographical area of 164838ha with a cumulative score of 95 (Reference Table given below)-

**Table 1.4: Weightage for the selection of the watershed:**

Project name	Project type	Weightage													<b>Total</b>
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
IWMP-I	Drought	7.5	5	5	5	0	10	10	7.5	10	10	10	15	0	95

### Weigthage Criteria (for score):

Criteria no.	Criteria	Maximum Score	Ranges & Scores			
i	Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
ii	% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	
iii	Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)		
iv	% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	
v	Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
vi	Moisture index/ DPAP/ DDP Block	15	-66.7 & below (15) DDP Block	-33.3 to -66.6 (10) DPAP Block	0 to -33.2 (0) Non DPAP/ DDP Block	
vii	Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Below 70 % (Reject)

<b>Criteria no.</b>	<b>Criteria</b>	<b>Maximum Score</b>	<b>Ranges &amp; Scores</b>			
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)
ix	Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low- less than 10 % of TGA (5)	
x	Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5)	
xi	Contiguity to another watershed that has already been developed/ treated	10	Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)	Contiguity within the micro watersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0)	
xii	Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)	

<b>Criteria no.</b>	<b>Criteria</b>	<b>Maximum Score</b>	<b>Ranges &amp; Scores</b>			
xiii	Cluster approach in the hills (more than one contiguous micro-watersheds in the project)	15	Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	
		150	150	90	41	2.5

- The total no. of families under BPL is 3771, which is 45% of the total households of the Watershed. Hence a score of 7.5 is allotted.
- The percentage of schedule caste in the watershed is about 30% to the total population; hence a score of 5 was allotted.
- Rainfed agriculture forms the primary occupation of the watershed due to scant irrigation and ground water availability.
- More than 90 percent of the farmers are small and marginal by nature and the actual wages earned by the labour is less than the minimum wages hence a score of 10 is given.
- Since the rainfall received is erratic and irregular, the Moisture index is low and the area is classified under IWMP block.
- Drinking water is problematic in the watershed.
- Some part of land is degraded. The soil is very permeable and production of the land can be significantly enriched with the availability of timely irrigation.

#### **1.4: Details of ongoing watershed programme:**

Presently, no watershed development programme is going on in the watershed.

## CHAPTER-2

### GENERAL DESCRIPTION OF PROJECT AREA

#### **2.1: Location:**

The Block Mawai is approximately 63 km km away from district head quarter and the project area is situated with minimum distance of 01 km to 20 km from head quarter. This Watershed cluster includes 9 villages. The livelihood of these people is primarily based on rainfed agriculture, animal husbandry, wage labour, goat, sheep and poultry.

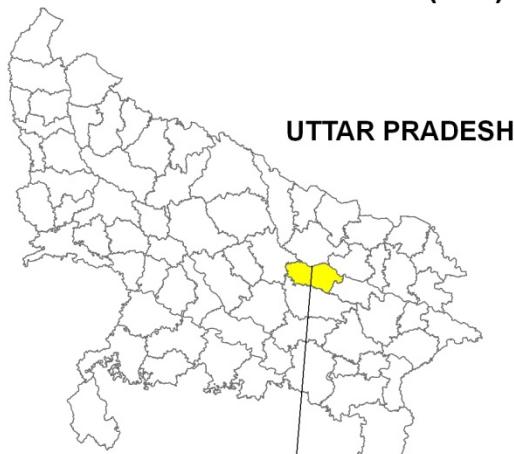
**Table 2.1: General Description of the Project Area**

S.No	Name &code of MWS	Name of Gram panchayat	Name of Villages	Area of Village in MWS [ha.]
1	2	4	5	6
1	2B2C5g1b	Bihara	Bihara	230
		Semsi	Semsi	37
		Sunba	Sunba	117
			<b>TOTAL</b>	<b>385</b>
2	<b>2B2C5g1c</b>	Bihara	Bihara	193
			<b>TOTAL</b>	<b>193</b>
3	2B2C5g1d	Bihara	Bihara	281
		Semsi	Semsi	7
			<b>TOTAL</b>	<b>288</b>
4	<b>2B2C5g1e</b>	Bihara	Bihara	10
			<b>TOTAL</b>	<b>10</b>
5	<b>2B2C5g1f</b>	Semsi	Semsi	239

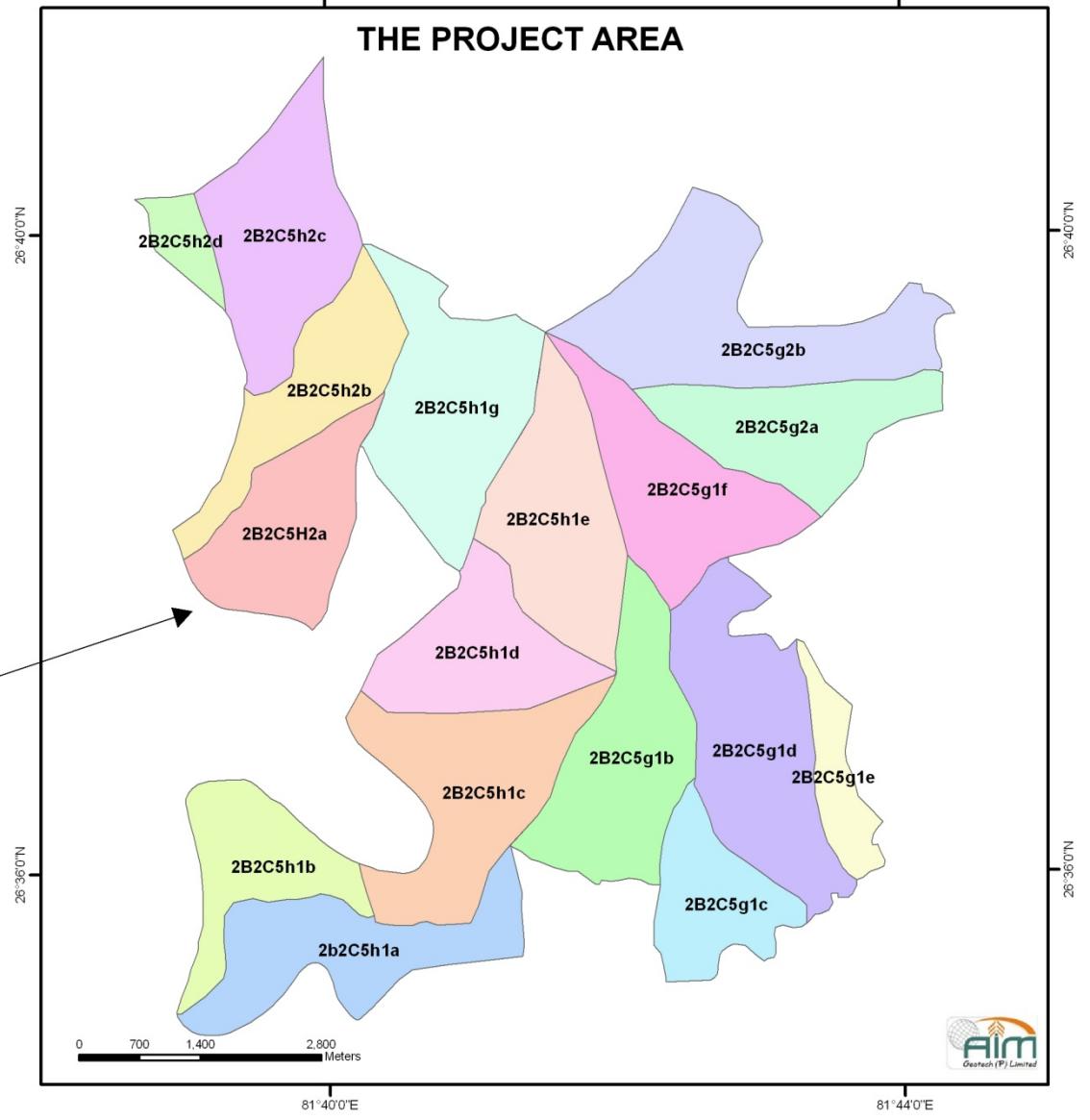
S.No	Name &code of MWS	Name of Gram panchayat	Name of Villages	Area of Village in MWS [ha.]
1	2	4	5	6
		Ter	Ter	59
			<b>TOTAL</b>	<b>298</b>
6	<b>2B2C5g2a</b>	Semsi	Semsi	195
		Ter	Ter	21
			<b>TOTAL</b>	<b>216</b>
7	<b>2B2C5g2b</b>	Semsi	Semsi	188
		Ter	Ter	224
			<b>TOTAL</b>	<b>412</b>
8	<b>2b2C5h1a</b>	Kasari	Kasari	334
		Sunba	Sunba	2
			<b>TOTAL</b>	<b>335</b>
9	<b>2B2C5h1b</b>	Kasari	Kasari	238
				<b>238</b>
10	<b>2B2C5h1c</b>	Bihara	Bihara	3
		Kasari	Kasari	123
		Sunba	Sunba	288
			<b>TOTAL</b>	<b>414</b>
11	<b>2B2C5h1d</b>	Semsi	Semsi	57
		Sunba	Sunba	235
			<b>TOTAL</b>	<b>292</b>
12	<b>2B2C5h1e</b>	Semsi	Semsi	312
		Sunba	Sunba	23
		Ter	Ter	39
			<b>TOTAL</b>	<b>374</b>
13	<b>2B2C5h1g</b>	Chandamau Manga	Chandamau Manga	27

S.No	Name &code of MWS	Name of Gram panchayat	Name of Villages	Area of Village in MWS [ha.]
1	2	4	5	6
		Ganeshpur	Ganeshpur	65
		Semsi	Semsi	143
		Ter	Ter	66
			<b>TOTAL</b>	<b>302</b>
14	<b>2B2C5h2a</b>	Ganeshpur	Ganeshpur	300
				<b>300</b>
15	<b>2B2C5h2b</b>	Chandamau Ganga	Chandamau Ganga	66
		Ganeshpur	Ganeshpur	197
			<b>TOTAL</b>	<b>263</b>
16	<b>2B2C5h2c</b>	Bhawanipur	Bhawanipur	84
		Chandamau Ganga	Chandamau Ganga	32
		Ganeshpur	Ganeshpur	68
		Matha Newada	Matha Newada	203
			<b>TOTAL</b>	<b>387</b>
17	<b>2B2C5h2d</b>	Bhawanipur	Bhawanipur	65
			<b>TOTAL</b>	<b>65</b>
			<b>GRAND TOTAL</b>	<b>5407</b>

**LOCATION MAP OF THE PROJECT AREA**  
**IWMP - 1st**  
**DISTRICT - FAIZABAD (U.P)**



**DISTRICT FAIZABAD**



## 2.2: Area and Land use:

Village wise detailed information on type of land is depicted in Table 2.2.

**Table 2.2: Details of land resources in IWMP-1<sup>st</sup>**

S. No.	Code of MWS	Name of MWS	Cultivated and wasteland				Area details (ha)							
			area of the village (ha)				(falling within the projects)							
			Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/ fallow		Pvt. Agri. Land				Forest Land	Community land	Others (Pl. specify)	Total area (ha)
					Temp.	Permanent	Gen	SC/ST	OBC	Total				
1	2B2C5g1d	Bihara-3	361	65	14	17	146	54	212	412	30	10	5	457
2	2B2C5h2d	Bhawanipur	48	10	2	5	22	12	26	60		4	1	65
3	2B2C5h2c	Matha Newada-2	306	60	12	9	143	58	177	378	0	7	2	387
4	2B2C5h2b	Ganeshpur-2	213	36	8	12	74	33	121	226	30	8	4	268
5	2B2C5h2a	Ganeshpur-1	237	36	11	16	105	30	99	234	50	12	4	300
6	2B2C5h1d	Sunba-2	231	48	5	8	98	69	117	284		5	3	292
7	2B2C5h1e	Semsi-4	296	56	9	13	113	62	186	361		10	3	374
8	2B2C5g2b	Semsi-3	386	66	12	24	149	81	210	440	25	17	7	489
9	2B2C5g1b	Bihara-1	311	50	10	19	120	36	215	371	0	14	5	390
10	2B2C5g1c	Bihara-2	172	32	5	9	82	41	66	189	20	6	3	218
11	2B2C5g2a	Semsi-2	236	29	11	22	105	42	128	275	1	17	5	298
12	2B2C5g1f	Semsi-1	268	53	6	12	95	32	172	299	30	8	3	340
13	2B2C5g1e	Bihara-4	89	12	3	8	38	16	48	102	2	6	2	112
14	2B2C5h1g	Matha Newada-1	338	59	9	17	147	53	202	402	4	12	5	423
15	2B2C5h1c	Sunba-1	315	68	7	24	134	59	192	385	5	20	4	414
16	2B2C5h1b	Kasari-2	183	34	5	18	83	24	110	217	5	14	4	240
17	2B2C5h1a	Kasari-1	255	63	6	17	147	46	121	314	10	12	5	341
<b>TOTAL</b>			<b>4245</b>	<b>777</b>	<b>135</b>	<b>250</b>	<b>1801</b>	<b>748</b>	<b>2402</b>	<b>4949</b>	<b>212</b>	<b>182</b>	<b>65</b>	<b>5407</b>

### 2.3: Physiography:

The watershed has a general **slope** more than 1 percent. Spatial distribution of different slope classes was prepared by using of Arc GIS. Slope was divided into 05 classes (viz. 0-0.5, 0.5-1.0, 1.0-3.0, 3-5% and more than 5% (Table 2.3).

**Table 2.3: Slope range in the project area for IWMP-I**

Sl. No.	Code of MWS	Name of the MWS	Slope range wise area (ha)						Others Specify
			0-0.5%	0.5-1.0%	1-3%	3-5%	>5%		
1	2B2C5g1d	Bihara-3	127	173	154	3	-	-	-
2	2B2C5h2d	Bhawanipur	4	16	44		-	-	-
3	2B2C5h2c	Matha Newada-2	72	106	206	4	-	-	-
4	2B2C5h2b	Ganeshpur-2	65	99	100	4	-	-	-
5	2B2C5h2a	Ganeshpur-1	71	97	127	6	-	-	-
6	2B2C5h1d	Sunba-2	75	70	139	8	-	-	-
7	2B2C5h1e	Semsi-4	106	134	134	0	-	-	-
8	2B2C5g2b	Semsi-3	219	165	104		-	-	-
9	2B2C5g1b	Bihara-1	144	169	76		-	-	-
10	2B2C5g1c	Bihara-2	50	67	98	3	-	-	-
11	2B2C5g2a	Semsi-2	122	120	57		-	-	-
12	2B2C5g1f	Semsi-1	77	123	140	0	-	-	-
13	2B2C5g1e	Bihara-4	23	35	54	0	-	-	-
14	2B2C5h1g	Matha Newada-1	122	148	153	0	-	-	-
15	2B2C5h1c	Sunba-1	119	101	188	5	-	-	-
16	2B2C5h1b	Kasari-2	34	59	129	18	-	-	-
17	2B2C5h1a	Kasari-1	49	88	190	14	-	-	-
TOTAL									

## 2.4: Climate:

The annual rainfall and the temperature of the district are given in Table 2.4.

**Table 2.4: Average monthly rainfall and temperature of the last 05 years at IWMP-I**

Month	Annual Rainfall (mm)						Temperature °C	
	2004	2005	2006	2007	2008	Average	Max.	Min.
January	0.00	0.50	3.80	0.50	0.30	1.02	19.50	4.80
February	3.80	15.00	20.80	62.80	10.80	22.64	23.50	6.00
March	17.90	0.00	0.00	30.20	1.00	9.82	28.00	10.00
April	0.50	32.00	0.00	0.00	48.60	16.22	35.00	17.00
May	52.60	88.50	58.40	101.20	51.40	70.42	42.50	20.90
June	97.00	105.00	21.25	112.80	135.90	94.39	43.50	23.50
July	301.00	192.00	144.00	205.00	421.00	252.60	38.10	24.50
August	152.00	115.00	265.00	125.00	465.00	224.40	35.40	23.20
September	112.00	142.00	204.00	141.00	275.00	174.80	34.70	21.00
October	58.00	41.00	32.60	5.20	21.00	31.56	29.00	16.50
November	3.00	0.00	3.90	0.00	2.60	1.90	25.00	10.50
December	0.50	1.25	1.20	0.60	0.00	0.71	22.00	6.00
<b>Total</b>	<b>798.30</b>	<b>732.25</b>	<b>754.95</b>	<b>784.30</b>	<b>1432.60</b>	<b>958.22</b>	<b>31.35</b>	<b>15.33</b>

**Table 2.5: Flood and Drought Area:**

Sl. No.	MWS	Particulars	No. of villages	Periodicity		Not affected
				Annual	Any other (please specify)	
1	2	3	4	5	6	7
1	All	Flood	Name(s) of villages	---	----	Not affected
			No. of villages	---	----	
		Drought	Name(s) of villages	---	----	Not affected
			No. of villages	---	----	

**Table 2.6: Details of Soil Erosion**

S.No.	MWS code	Name of MWS	Water Erosion (mm)				Runoff (mm)	Avarege Soil Loss (Ton/ha/yr)	Wind Erosion
			Sheet	Rill	Gully	Total			
1	2B2C5g1d	Bihara-3	36	108	217	361	382	22	-
2	2B2C5h2d	Bhawanipur	5	15	29	48	383	24	-
3	2B2C5h2c	Matha Newada-2	31	92	184	306	377	21	-
4	2B2C5h2b	Ganeshpur-2	21	64	128	213	379	21	-
5	2B2C5h2a	Ganeshpur-1	24	71	142	237	385	22	-
6	2B2C5h1d	Sunba-2	23	69	138	231	383	22	-
7	2B2C5h1e	Semsi-4	30	89	177	296	379	22	-
8	2B2C5g2b	Semsi-3	39	116	232	386	385	20	-
9	2B2C5g1b	Bihara-1	31	93	187	311	386	21	-
10	2B2C5g1c	Bihara-2	17	52	103	172	384	21	-

11	2B2C5g2a	Semsi-2	24	71	141	236	381	20	-
12	2B2C5g1f	Semsi-1	27	81	161	268	378	22	-
13	2B2C5g1e	Bihara-4	9	27	53	89	379	21	-
14	2B2C5h1g	Matha Newada-1	34	101	203	338	381	18	-
15	2B2C5h1c	Sunba-1	31	94	189	315	382	21	-
16	2B2C5h1b	Kasari-2	18	55	110	183	382	20	-
17	2b2C5h1a	Kasari-1	26	77	153	255	387	21	-
		<b>Total</b>	<b>424</b>	<b>1273</b>	<b>2547</b>	<b>4245</b>	<b>6493</b>	<b>30</b>	<b>-</b>

## CHAPTER-3

### BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL

#### **3.1: Social-Economic Analysis:**

IWMP-I watershed project has a total of 11291 household with a population of 45165 (as per base-line survey) out of which 26909 are male and 18256 female. The sex ratio is 950 female to 1000 male. There are 3771BPL families. The detail of population in each micro watershed is given below:-

**Table 3.1: Demographic Features in Project Area**

S.N.	Micro Watershed Code	Name of Micro Watershed	Total Population			Population of SC/ST		
			Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9
1	2B2C5g1d	Bihara,Semsi,	1996	1197	798	597	358	239
2	2B2C5h2d	Bhawanipur,	2605	1563	1042	469	281	188
3	2B2C5h2c	Bhawanipur,Chandamau Manga,Ganeshpur,Matha Newada,	7428	4513	2915	1682	1039	643

S.N.	Micro Watershed Code	Name of Micro Watershed	Total Population			Population of SC/ST		
			Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9
4	2B2C5h2b	Chandamau Manga,Ganeshpur,	5376	3244	2131	1425	855	570
5	2B2C5h2a	Ganeshpur	3331	2027	1304	714	428	286
6	2B2C5h1d	Semsi,Sunba	1350	810	540	353	212	141
7	2B2C5h1e	Semsi,Ter,Sunba	2044	1227	818	481	327	154
8	2B2C5g2b	Semsi,Ter	3693	2216	1477	1599	960	640
9	2B2C5g1b	Bihara,Semsi,Sunba	2325	1395	930	789	401	387

S.N.	Micro Watershed Code	Name of Micro Watershed	Total Population			Population of SC/ST		
			Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9
10	2B2C5g1c	Bihara	1348	809	539	404	243	162
11	2B2C5g2a	Semsi,Ter	1251	751	500	369	222	148
12	2B2C5g1f	Semsi,Ter	1932	1159	773	651	391	261
13	2B2C5g1e	Bihara	68	41	27	20	12	8
14	2B2C5h1g	Chandamau Manga,Ganeshpur,Matha Newada,Semsi,Ter	3587	2158	1429	1134	680	453
15	2B2C5h1c	Bihara,Kasari,Sunba,	2296	1324	972	512	300	212

S.N.	Micro Watershed Code	Name of Micro Watershed	Total Population			Population of SC/ST		
			Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9
16	2B2C5h1b	Kasari,	1887	1029	858	309	172	137
17	2b2C5h1a	Kasari,Sunba,	2648	1445	1203	434	241	193

### 3.2: Land Holding Pattern:

The average land holding is about 0.80 ha with lack of irrigation source, so it forces the majority of the farmers to migrate to ensure their livelihood. This affects the demographic profile of the watershed directly.

**Table 3.2: Details of land holding pattern**

S. No.	MWS Code	Name of Village	Type of Farmer	No. of households	No. of households	No. of BPL households
1	2	3	4	5	6	7
1	2B2C5g1d	Bihara,Semsi,	Large Farmer	50	499	167
			Small Farmer	140		
			Marginal Farmer	259		
			Land Less Person	50		
2	2B2C5h2d	Bhawanipur,	Large Farmer	59	651	207
			Small Farmer	195		
			Marginal Farmer	358		
			Land Less Person	46		
3	2B2C5h2c	Bhawanipur,Chandamau Manga,Ganeshpur,Matha Newada,	Large Farmer	204	1857	641
			Small Farmer	501		
			Marginal Farmer	928		
			Land Less Person	223		
4	2B2C5h2b	Chandamau Manga,Ganeshpur,	Large Farmer	134	1344	449
			Small Farmer	376		
			Marginal Farmer	699		
			Land Less Person	134		
5	2B2C5h2a	Ganeshpur,	Large Farmer	83	833	278
			Small Farmer	233		
			Marginal Farmer	433		
			Land Less Person	83		
6	2B2C5h1d	Semsi,Sunba,	Large Farmer	30	338	120

S. No.	MWS Code	Name of Village	Type of Farmer	No. of households	No. of households	No. of BPL households
			Small Farmer	81		
			Marginal Farmer	192		
			Land Less Person	34		
7	2B2C5h1e	Semsi,Ter,Sunba,	Large Farmer	51	511	171
			Small Farmer	143		
			Marginal Farmer	266		
			Land Less Person	51		
8	2B2C5g2b	Semsi,Ter,	Large Farmer	102	923	291
			Small Farmer	277		
			Marginal Farmer	462		
			Land Less Person	83		
9	2B2C5g1b	Bihara,Semsi,Sunba,	Large Farmer	58	581	194
			Small Farmer	163		
			Marginal Farmer	302		
			Land Less Person	58		
10	2B2C5g1c	Bihara,	Large Farmer	34	337	113
			Small Farmer	94		
			Marginal Farmer	175		
			Land Less Person	34		
11	2B2C5g2a	Semsi,Ter,	Large Farmer	31	313	104
			Small Farmer	88		
			Marginal Farmer	163		
			Land Less Person	31		
12	2B2C5g1f	Semsi,Ter,	Large Farmer	48	483	161
			Small Farmer	135		
			Marginal Farmer	251		
			Land Less Person	48		

S. No.	MWS Code	Name of Village	Type of Farmer	No. of households	No. of households	No. of BPL households
13	2B2C5g1e	Bihara,	Large Farmer	2	17	6
			Small Farmer	5		
			Marginal Farmer	9		
			Land Less Person	2		
14	2B2C5h1g	Chandamau Manga,Ganeshpur,Matha Newada,Semsi,Ter,	Large Farmer	90	897	300
			Small Farmer	251		
			Marginal Farmer	466		
			Land Less Person	90		
15	2B2C5h1c	Bihara,Kasari,Sunba,	Large Farmer	57	574	192
			Small Farmer	161		
			Marginal Farmer	298		
			Land Less Person	57		
16	2B2C5h1b	Kasari,	Large Farmer	47	472	158
			Small Farmer	132		
			Marginal Farmer	245		
			Land Less Person	47		
17	2b2C5h1a	Kasari,Sunba,	Large Farmer	66	662	221
			Small Farmer	185		
			Marginal Farmer	344		
			Land Less Person	66		

### 3.3: Migration:

People migrate during summer season to different parts of the state like Lucknow, Kanpur and Delhi as daily wages, agricultural and construction labours. The details are given below:

**Table 3.3: Details of Migration: Pre Project status**

Sl. No.	Micro Watershed Code	Name of Micro watershed	No. of migrating persons	No. of days per year of migration	Major reasons for migration	Occupation during migration	Income from such occupation (Rs/month)
1	2	3	4	5	6	8	9
1	2B2C5g1d	Bihara-3	181	180	Poverty & Un Employment	Service/ labour	3000-4000
2	2B2C5h2d	Bhawanipur	782	200		Service/ labour	"
3	2B2C5h2c	Matha Newada-2	1078	200		Service/ labour	"
4	2B2C5h2b	Ganeshpur-2	29	180		Service/ labour	"
5	2B2C5h2a	Ganeshpur-1	24	200		Service/ labour	"
6	2B2C5h1d	Sunba-2	617	180		Service/ labour	"
7	2B2C5h1e	Semsi-4	1207	180		Service/ labour	"
8	2B2C5g2b	Semsi-3	1185	180		Service/ labour	"
9	2B2C5g1b	Bihara-1	467	180		Service/ labour	"
10	2B2C5g1c	Bihara-2	108	180		Service/ labour	"
11	2B2C5g2a	Semsi-2	713	180		Service/ labour	"
12	2B2C5g1f	Semsi-1	955	180		Service/ labour	"
13	2B2C5g1e	Bihara-4	5	180		Service/ labour	"
14	2B2C5h1g	Matha Newada-1	658	200		Service/ labour	"

Sl. No.	Micro Watershed Code	Name of Micro watershed	No. of migrating persons	No. of days per year of migration	Major reasons for migration	Occupation during migration	Income from such occupation (Rs/month)
15	2B2C5h1c	Sunba-1	99	180		Service/ labour	"
16	2B2C5h1b	Kasari-2	7	180		Service/ labour	"
17	2b2C5h1a	Kasari-1	267	180		Service/ labour	"

**Table 3.4: Details of Village Infrastructure**

**Village Name : Sunba**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	2	Basic education (State Funded)
	Anganwadi	-	-
	Primary school	2	Basic education (State Funded)
	Secondary school	-	-
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	1	Postal & Telegraph Deptt.
	Primary Health care center	-	-
	Veterinary center	-	-
	Market/Shandies	-	-
3	No. of Bore wells/pump sets (Functional)	5	Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	-	-
	Total quantity of supplied milk	-	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	Yes	Brick Road
6	Bus facility (Yes/No)	-	-

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
7	NO. of HHs Provided Electricity	Nill	-
8	Others (specify.....)	-	-
9	No. of HHs with access to drinking water	20 Handpump	DRDA
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Village name: Semsi**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	-	-
	Anganwadi	3	Dept. of Health
	Primary school	3	Basic education State funded
	Secondary school	1	State funded
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	1	Dept. Postal & Telegraph
	Primary Health care center	-	-
	Veterinary center	-	-
	Market/Shandies	1 Dharamganj	Local & Pvt.
3	No. of Bore wells/pump sets (Functional)	100	Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	1	Dairy federation
	Total quantity of supplied milk	100 ltr./day	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	Brick road	Gram Panchayat
6	Bus facility (Yes/No)	-	-
7	NO. of HHs Provided Electricity	-	-
8	Others (specify.....)	-	-

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
9	No. of HHs with access to drinking water	4-6 hrs.	-
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Village Name: Ter**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	-	-
	Anganwadi	2	Dept. Of health
	Primary school	1	Basic Scheme (State Funded)
	Secondary school	1	State Funded
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	-	-
	Primary Health care center	-	-
	Veterinary center	-	-
	Market/Shandies	-	-
3	No. of Bore wells/pump sets (Functional)	100	Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	-	-
	Total quantity of supplied milk	-	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	-	-
6	Bus facility (Yes/No)	-	-
7	NO. of HHs Provided Electricity	-	-
8	Others (specify.....)	-	-
9	No. of HHs with access to drinking water	1025 (20 Pump sets)	DRDA, funded
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Village Name: Matha Newada**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	1	Govt.(state) added
	Anganwadi	2	Dept. Of health, (UP)
	Primary school	1	Basic School (UP Govt.)
	Secondary school	-	-
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	1	Dept of Post & Telegraph(centralgovt.)
	Primary Health care center	-	-
	Veterinary center	-	-
	Market/Shandies	-	-
3	No. of Bore wells/pump sets (Functional)	100	Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	-	-
	Total quantity of supplied milk	-	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	Yes	Internal Road
6	Bus facility (Yes/No)	Private	Private
7	NO. of HHs Provided Electricity	15 (4-6 hrs)	State Electricity Board
8	Others (specify.....)	-	-
9	No. of HHs with access to drinking water	700 (India Hand Mark)	DRDA, Fzd.
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Village Name: Bhawanipur**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	5	State Funded
	Anganwadi	4	Department of Health
	Primary school	1	Basic education (State Funded)
	Secondary school	1	State Funded
	Govt. collage	1	State Funded
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	-	-
	Primary Health care center	-	-
	Veterinary center	-	-
	Market/Shandies	Baba Bazar (1 Km)	Private
3	No. of Bore wells/pump sets (Functional)	Govt. 2, Private 100	Govt. & Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	2	Dept. of Animal Husbandry
	Total quantity of supplied milk	300 litre	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	Yes	-
6	Bus facility (Yes/No)	Private Bus	-
7	NO. of HHs Provided Electricity	6-8 hours	State Electricity Board
8	Others (specify.....)	No	-
9	No. of HHs with access to drinking water	100 India Handpump	DRDA
10	Access to agro Industries (Yes/No)	No	-
11	Any other Facilities	No	-

**Village Name : Chandramau Manga**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	3	State Funded
	Anganwadi	2	Department of Health
	Primary school	1	Basic education (State Funded)
	Secondary school	-	-
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	1	Central Govt. Funded
	Primary Health care center	-	-
	Veterinary center	1	Department of Animal Husbandry
	Market/Shandies	1 (15 km away)	Community Based
3	No. of Bore wells/pump sets (Functional)	8-Private, 1 Non Functional	Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	-	-
	Total quantity of supplied milk	-	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	Yes	Brick Road
6	Bus facility (Yes/No)	-	-
7	NO. of HHs Provided Electricity	4 hrs	State Electricity Board
8	Others (specify.....)	-	-
9	No. of HHs with access to drinking water	15 Handpump	DRDA
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Village Name: Bihar**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	4	State funded
	Anganwadi	2	Dept. of Health
	Primary school	1	Basic education State funded
	Secondary school	1	State funded
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	-	Dept. Postal & Telegraph
	Primary Health care center	1	-
	Veterinary center	-	-
	Market/Shandies	-	-
3	No. of Bore wells/pump sets (Functional)	300	Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	1	Dairy federation
	Total quantity of supplied milk	-	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	YES	Brick Road
6	Bus facility (Yes/No)	-	-
7	NO. of HHs Provided Electricity	NIL	-
8	Others (specify.....)	-	-
9	No. of HHs with access to drinking water	130	DRDA
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Village Name: Ganeshpur**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	4	State Deptt.of Education
1	Educational Institution	2	Dept. Of health
	Anganwadi	1	Basic (State Funded)
	Primary school	1	State Funded
	Secondary school	-	-
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	-	Dept of Post & Telegraph Control
	Primary Health care center	1	Dept. Of health
	Veterinary center	-	-
	Market/Shandies	-	-
3	No. of Bore wells/pump sets (Functional)	Private – 60, Govt.- nil	Private
4	No. of milk collection centers (union/society/Pvt. Agency/others)	-	-
	Total quantity of supplied milk	-	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	Yes	Brick Road
6	Bus facility (Yes/No)	-	Private
7	NO. of HHs Provided Electricity	1200 (4-5 hrs.)	State Electricity Board
8	Others (specify.....)	-	-
9	No. of HHs with access to drinking water	5000 (15 Handpump)	DRDA, Fzd.
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Village Name: Kasari**

Sr. No.	Infrastructure type	No./Quantity	Status (Description )
1	2	3	4
1	Educational Institution	7	-
	Anganwadi	4	Dept. of Health
	Primary school	2	Basic education State funded
	Secondary school	1	State funded
	Govt. collage	-	-
	Vocational Institution	-	-
2	Service Institutions	-	-
	Bank	-	-
	Post office	1	Dept. Postal & Telegraph
	Primary Health care center	1	Health Dept.
	Veterinary center	-	-
	Market/Shandies	-	-
3	No. of Bore wells/pump sets (Functional)	-	-
4	No. of milk collection centers (union/society/Pvt. Agency/others)	-	-
	Total quantity of supplied milk	-	-
5	Road connectivity (to main road by an all weather road) (Yes/No)	-	-
6	Bus facility (Yes/No)	-	-
7	NO. of HHs Provided Electricity	-	-
8	Others (specify.....)	-	-
9	No. of HHs with access to drinking water	100	DRDA Funded
10	Access to agro Industries (Yes/No)	-	-
11	Any other Facilities	-	-

**Table 3.5: Soil Texture**

S.No.	Code of MWS	Area in different Soil Group (ha)			Other Specify .....
		Light textured soil (sand, loamy sand)	Medium textured soil (sandy loam, loam, silt loam)	Heavy textured soil (Clay loam)	
1	2B2C5g1d	26.2	85.15	19.65	-----
2	2B2C5h2d	42	136.5	31.5	-----
3	2B2C5h2c	97.8	317.85	73.35	-----
4	2B2C5h2b	51	165.75	38.25	-----
5	2B2C5h2a	79	256.75	59.25	-----
6	2B2C5h1d	42.8	139.1	32.1	-----
7	2B2C5h1e	68.8	223.6	51.6	-----
8	2B2C5g2b	130.6	424.45	97.95	-----
9	2B2C5g1b	79.8	259.35	59.85	-----
10	2B2C5g1c	22.8	74.1	17.1	-----
11	2B2C5g2a	77.8	252.85	58.35	-----
12	2B2C5g1f	71.2	231.4	53.4	-----
13	2B2C5g1e	13.4	43.55	10.05	-----
14	2B2C5h1g	75.8	246.35	56.85	-----
15	2B2C5h1c	57.2	185.9	42.9	-----
16	2B2C5h1b	30.2	98.15	22.65	-----
17	2B2C5h1a	32.4	105.3	24.3	-----
	Total	998.8	3246.1	749.1	4994

### 3.4: Crop Productivity & Production :

Table 3.6: Productivity & Production

S.No.	Crop	Area (ha)		Productivity (Q/ha)		Production (Q ) Grain/Main product		Fodder/Fuel/Other Product. (Q)	
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed
<b>A Kharif</b>									
1	Rice	280	1210	30	15	8400	18150	8400	18150
2	Maize	122	415	25	10	3050	4150	6100	8300
3	Arhar	38	125	12	5	456	625	1368	4104
4	Urd/Moong	25	78	10	6	250	468	500	936
5	Sorghum	25	98	12	7	300	686	12500	24500
	<b>Total</b>	<b>490</b>	<b>1926</b>			<b>12456</b>	<b>24079</b>	<b>28868</b>	<b>55990</b>
<b>B Rabi</b>									
1	Wheat	580	413	25	10	14500	4130	18125	5163
2	Masoor	60	175	11	7	660	1225	1320	2450
3	Gram	40	80	10	5	400	400	800	800
4	Pea	30	78	12	7	360	546	360	546
5	Mustard	67	175	10	5	670	875	1340	1750
	<b>Total</b>	<b>777</b>	<b>921</b>			<b>16590</b>	<b>7176</b>	<b>21945</b>	<b>10709</b>
<b>C Zaid</b>									
	Urd	125	400	8	4	1000	1600	4000	6400
	Moong	79	319	8	4	632	1276	2528	5104
	<b>Total</b>	<b>204</b>	<b>719</b>			<b>1632</b>	<b>2876</b>	<b>6528</b>	<b>11504</b>
	<b>Net Cultivable Area</b>	<b>4644</b>		<b>Cropping Intensity</b>	<b>108.462</b>				

### 3.5: Live Stock:

The details of live stock and its productivity are given in Table 3.7 & 3.8.

**Table 3.7: Details of Livestock Population**

S. No.	Code of MWS	Name of MWS	Cow		Buffalow		Ox/ Bull	Goat	Sheep	Piggeries	Poultry			Other specify
			Desi	Crossed	Desi	Murrah					Broiler	Layers	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2B2D3c1c	Bihara-3	35	10	109	25	12	75	20	12	0	20	20	-
2	2B2D3c1b	Bhawanipur	20	8	75	14	12	55	15	8	500	25	525	-
3	2B2D3c1a	Matha Newada-2	12	1	15	5	2	8	0	0	0	10	10	-
4	2B2D3c2a	Ganeshpur-2	75	30	190	55	46	100	40	25	2400	115	2515	-
5	2B2D3c2b	Ganeshpur-1	10	0	25	2	2	12	0	20	1000	40	1040	-
6	2B2D3c2c	Sunba-2	12	20	24	5	4	20	0	8	800	25	825	-
7	2B2D3c2d	Semsi-4	4	0	21	4	2	350	0	2	0	40	40	-
8	2B2D3b4f	Semsi-3	120	35	233	48	14	180	60	20	1200	150	1350	-
9	2B2D3d1a	Bihara-1	26	11	140	25	8	120	0	10	0	40	40	-
10	2B2D3d1b	Bihara-2	23	9	171	27	10	90	0	10	0	40	40	-
11	2B2D3b3d	Semsi-2	88	46	260	25	16	110	0	22	0	25	25	-
12	2B2D3b3c	Semsi-1	31	18	65	10	12	60	10	8		20	20	-
13	2B2C5g1e	Bihara-4	10	0	25	2	2	12	10	20	1000	40	1040	
14	2B2C5h1g	Matha Newada-1	12	20	24	5	4	20	22	8	800	25	825	
15	2B2C5h1c	Sunba-1	4	0	21	4	2	350	8	2	0	40	40	
16	2B2C5h1b	Kasari-2	120	35	233	48	14	180	60	20	1200	150	1350	
17	2B2C5h1a	Kasari-1	26	11	140	25	8	120	0	10	0	40	40	
	<b>Total</b>		<b>632</b>	<b>259</b>	<b>1777</b>	<b>336</b>	<b>178</b>	<b>1871</b>	<b>255</b>	<b>216</b>	<b>8912</b>	<b>858</b>	<b>9759</b>	

**Table.3.8: Details of Livestock Productivity**

S.No.	Name & Code of MWS	Name of WaterShed	Milk Production(Liter/day/animal)				Goatry Weight	Poultry		Piggeries Weight
			Cows		Buffalos			Broiler Weight	Layers	
			Desi	Crossed	Desi	Murrah	Kg/goat	Kg/ Brl	eggs/day	Kg/Pig
1	2B2C5g1d	Bihara-3	3	5	3	10	10-12		10	15-20
2	2B2C5h2d	Bhawanipur	2.5	8	3	11	10-12	1.5-2.00	12	15-20
3	2B2C5h2c	Matha Newada-2	2	6	4	11	10-12		5	15-20
4	2B2C5h2b	Ganeshpur-2	3	6	4	12	10-12	1.5-2.00	40	15-20
5	2B2C5h2a	Ganeshpur-1	2	0	3	12	10-12	1.5-2.00	18	15-20
6	2B2C5h1d	Sunba-2	2	5.5	3	10	10-12	1.5-2.00	10	15-20
7	2B2C5h1e	Semsi-4	2	0	3	12	10-12		18	15-20
8	2B2C5g2b	Semsi-3	3	6	3.5	12	10-12	1.5-2.00	55	15-20
9	2B2C5g1b	Bihara-1	2	6	3.5	12	10-12		15	15-20
10	2B2C5g1c	Bihara-2	2.5	8	3.5	12	10-12		15	15-20
11	2B2C5g2a	Semsi-2	3	5.5	3.5	12	10-12		10	15-20
12	2B2C5g1f	Semsi-1	2.5	6	3.5	10	10-12		8	15-20

S.No.	Name & Code of MWS	Name of WaterShed	Milk Production(Liter/day/animal)				Goatry Weight	Poultry		Piggeries Weight		
			Cows		Buffalos			Broiler Weight	Layers			
			Desi	Crossed	Desi	Murrah						
13	2B2C5g1e	Bihara-4	3	5.5	4	12	10-12	1.5-2.00	55	15-20		
14	2B2C5h1g	Matha Newada-1	2	6	4	12	10-12		15	15-20		
15	2B2C5h1c	Sunba-1	2.5	8	4	12	10-12		15	15-20		
16	2B2C5h1b	Kasari-2	3	6	4	12	10-12		10	15-20		
17	2b2C5h1a	Kasari-1	3	6	4	10	10-12		8	15-20		
		<b>Total</b>							<b>319</b>			

### 3.6: Livelihood Status:

The details of livelihood status of landless/assetless people and Present (for Farmers & others) are given below-

**Table 3.9: Details of Livelihood Status of Landless/Assetless people (Pre Project status)**

S.No.	Code of MWS	Name of MWS	Name of Livelihood Activity	No. of house hold engaged				Pre project	Desired Activities	Expected Income from desired activities	Remarks
				SC/ST	Other	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12
1	2B2C5g1d	Bihara-3	Labour	113	75	63	250	21500	Improvement of Livelihood through Micro Enterprises Horticulture Animal-Husbandry Etc.	>15-20%	--
2	2B2C5h2d	Bhawanipur		104	81	58	230	18250		>15-20%	--
3	2B2C5h2c	Matha Newada-2		502	390	279	1115	16850		>15-20%	--
4	2B2C5h2b	Ganeshpur-2		302	235	168	670	18650		>15-20%	--
5	2B2C5h2a	Ganeshpur-1		187	145	104	415	19850		>15-20%	--
6	2B2C5h1d	Sunba-2		77	60	43	170	20290		>15-20%	--
7	2B2C5h1e	Semsi-4		115	89	64	255	17500		>15-20%	--
8	2B2C5g2b	Semsi-3		187	145	104	415	18500		>15-20%	--
9	2B2C5g1b	Bihara-1		131	102	73	290	17150		>15-20%	--
10	2B2C5g1c	Bihara-2		77	60	43	170	18000		>15-20%	--
11	2B2C5g2a	Semsi-2		70	54	39	155	19004		>15-20%	--

S.No.	Code of MWS	Name of MWS	Name of Livelihood Activity	No. of house hold engaged				Pre project Avg. Income/Year	Desired Activities	Expected Income from desired activities	Remarks
				SC/ST	Other	Women	Total				
12	2B2C5g1f	Semsi-1		108	84	60	240	18000		>15-20%	--
13	2B2C5g1e	Bihara-4		5	4	3	10	8000		>15-20%	
14	2B2C5h1g	Matha Newada-1		203	158	113	450	22000		>15-20%	
15	2B2C5h1c	Sunba-1		128	100	71	285	18350		>15-20%	
16	2B2C5h1b	Kasari-2		106	82	59	235	17340		>15-20%	
17	2b2C5h1a	Kasari-1		149	116	83	330	18650		>15-20%	

**Table 3.10: Details of Livelihood Status Other Farmers**

S.No.	Code of MWS	Name of MWS	Name of Livelihood Activity	No. of house hold engaged				Pre project	Desired Activities	Expected Income from desired activities	Remarks
				SC/ST	Other	Women	Total				
1	2B2C5g1d	Bihara-3	Labour	90	224	135	449	25500	Improvement of Livelihood through Micro Enterprises	>15-20%	--
2	2B2C5h2d	Bhawanipur		121	303	182	606	27250		>15-20%	--
3	2B2C5h2c	Matha Newada-2		327	817	490	1634	26850		>15-20%	--
4	2B2C5h2b	Ganeshpur-2		242	605	363	1209	29650	Horticulture	>15-20%	--
5	2B2C5h2a	Ganeshpur-1		150	375	225	749	28850	Animal-	>15-20%	--
6	2B2C5h1d	Sunba-2		61	152	91	304	27290	-Husbandry	>15-20%	--
7	2B2C5h1e	Semsi-4		92	230	138	460	27500	Etc.	>15-20%	--
8	2B2C5g2b	Semsi-3		168	420	252	840	26500		>15-20%	--
9	2B2C5g1b	Bihara-1		105	262	157	523	27150		>15-20%	--
10	2B2C5g1c	Bihara-2		61	152	91	303	28000		>15-20%	--
11	2B2C5g2a	Semsi-2		56	141	84	282	29004		>15-20%	--
12	2B2C5g1f	Semsi-1		87	217	130	435	29900		>15-20%	--
13	2B2C5g1e	Bihara-4		3	8	5	15	24000		>15-20%	--

S.No.	Code of MWS	Name of MWS	Name of Livelihood Activity	No. of house hold engaged				Pre project	Desired Activities	Expected Income from desired activities	Remarks
				SC/ST	Other	Women	Total				
14	2B2C5h1g	Matha Newada-1		161	404	242	807	25000		>15-20%	--
15	2B2C5h1c			103	258	155	517	28350		>15-20%	--
16	2B2C5h1b			85	212	127	425	27340		>15-20%	--
17	2b2C5h1a			119	298	179	596	28650		>15-20%	--
		Total		2031	5078	3046	10154	----	---	--	---

**Table 3.11: Details of Present Livelihood Status**

S. No	Code of MWS	Name of MWS	Activities																			
			Dairy		Poultry		Goatry		Piggeries		Fisheries		Black Smithy		Carpentry		Stitching/ knitting		Wages		Others (Specify)	
			No	Avg income (per Year)	No	Avg income (per Year)	No	Avg income (per Year)	No	Avg income (per Year)	No	Avg income (per Year)	No	Avg income (per Year)	No	Avg income (per Year)	No	Avg income (per Year)	No	Avg income (per Year)		
1	2B2C5g1d	Bihara-3	179	20000	20	108	75	4000	12	4000	--	--	--	--	1	30000	3	8000	1200	12000	--	--
2	2B2C5h2d	Bhawanipur	117	20000	525	108+150	55	4000	8	4000	--	--	5	30000	4	30000	9	8000	1450	12000	--	--
3	2B2C5h2c	Matha Newada-2	33	20000	10	108	8	4000	0	0	--	--	--	--	--	--	1	8000	330	12000	--	--
4	2B2C5h2b	Ganeshpur-2	350	20000	2515	108+150	100	4000	25	4000	--	--	9	30000	5	30000	10	8000	6800	12000	--	--
5	2B2C5h2a	Ganeshpur-1	37	20000	1040	108+150	12	4000	20	4000	--	--	--	--	--	--	--	--	2500	12000	--	--
6	2B2C5h1d	Sunba-2	61	20000	825	108+150	20	4000	8	4000	--	--	4	30000	4	30000	--	--	1950	12000	--	--
7	2B2C5h1e	Semsi-4	29	20000	40	108	350	4000	2	4000	--	--	--	--	--	--	--	--	150	12000	--	--
8	2B2C5g2b	Semsi-3	436	20000	1350	108+150	180	4000	20	4000	--	--	11	30000	3	30000	11	8000	4800	12000	--	--
9	2B2C5g1b	Bihara-1	202	20000	40	108	120	4000	10	4000	--	--	--	--	--	--	--	--	1640	12000	--	--
10	2B2C5g1c	Bihara-2	230	20000	40	108	90	4000	10	4000	--	--	--	--	--	--	--	--	1430	12000	--	--
11	2B2C5g2a	Semsi-2	419	20000	25	108	110	4000	22	4000	--	--	4	30000	6	30000	16	8000	2900	12000	--	--
12	2B2C5g1f	Semsi-1	124	20000	20	108	60	4000	8	4000	--	--	2	30000	10	30000	6	8000	2200	12000	--	--
13	2B2C5g1e	Bihara-4	117	20000	525	108+150	55	4000	8	4000	--	--	5	30000	4	30000	9	8000	1450	12000	--	--
14	2B2C5h1g	Matha Newada-1	33	20000	10	108	8	4000	0	0	--	--	--	--	--	--	1	8000	330	12000	--	--
15	2B2C5h1c	Sunba-1	179	20000	20	108	75	4000	12	4000	--	--	--	--	1	30000	3	8000	1200	12000	--	--
16	2B2C5h1b	Kasari-2	230	20000	40	108	90	4000	10	4000	--	--	--	--	--	--	--	--	1430	12000		
17	2b2C5h1a	Kasari-1	419	20000	25	108	110	4000	22	4000	--	--	4	30000	6	30000	16	8000	2900	12000		
		<b>Total</b>	3195	340000	7070		1518	68000	197	60000			44	210000	44	300000	85	88000	34660	<b>204000</b>	--	--

**Table 3.12: Ground Water Status**

S.No	Name & Code of Micro watershed	Name of the Water Shed	Depth of Ground Water Table (Below Ground level) in Meter		No. of Observation wells	Remarks
			Before Monsoon	After Monsoon		
1	2B2C5g1d	Bihara-3	10	8.5	4	-
2	2B2C5h2d	Bhawanipur	12	10.5	5	-
3	2B2C5h2c	Matha Newada-2	13	11.5	4	-
4	2B2C5h2b	Ganeshpur-2	9.5	8	6	-
5	2B2C5h2a	Ganeshpur-1	9.5	8	6	-
6	2B2C5h1d	Sunba-2	11	9.5	4	-
7	2B2C5h1e	Semsi-4	12.5	11	5	-
8	2B2C5g2b	Semsi-3	10	8.5	5	-
9	2B2C5g1b	Bihara-1	10	8.5	4	-
10	2B2C5g1c	Bihara-2	13	11.5	4	-
11	2B2C5g2a	Semsi-2	9.44	7.94	5	-
12	2B2C5g1f	Semsi-1	10	8.5	4	-
13	2B2C5g1e	Bihara-4	12	10.5	5	-
14	2B2C5h1g	Matha Newada-1	12	10.5	6	-
15	2B2C5h1c	Sunba-1	10	8.5	4	-
16	2B2C5h1b	Kasari-2	11	9.5	3	-
17	2B2C5h1a	Kasari-1	10	8.5	4	-
		Total			78	

**Table 3.13: Irrigation Status**

S.No.	Code of MWS	Name of MWS	Gross Cultivated Area				Net Cultivated Area	Gross Irrigated Area				Net Irrigated Area
			Kharif	Rabi	Zaid	Total		Kharif	Rabi	Zaid	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	2B2C5g1d	Bihara-3	175	111	75	361	121	46	65	15	126	65
2	2B2C5h2d	Bhawanipur	37	25	12	74	193	16	10	0	26	10
3	2B2C5h2c	Matha Newada-2	165	100	76	341	476	47	60	25	132	60
4	2B2C5h2b	Ganeshpur-2	140	95	33	268	235	39	36	10	85	36
5	2B2C5h2a	Ganeshpur-1	170	115	27	312	382	31	36	17	84	36
6	2B2C5h1d	Sunba-2	156	105	25	286	193	44	48	16	108	48
7	2B2C5h1e	Semsi-4	210	146	26	382	310	36	56	12	104	56
8	2B2C5g2b	Semsi-3	151	98	165	414	638	26	66	15	107	66
9	2B2C5g1b	Bihara-1	150	111	56	317	359	25	50	16	91	50
10	2B2C5g1c	Bihara-2	65	45	72	182	103	26	32	14	72	32
11	2B2C5g2a	Semsi-2	119	90	87	296	350	19	29	14	62	29
12	2B2C5g1f	Semsi-1	155	115	58	328	317	24	53	13	90	53
13	2B2C5g1e	Bihara-4	65	45	9	119	60	10	12	3	25	12
14	2B2C5h1g	Matha Newada-1	185	144	93	422	337	15	59	11	85	59
15	2B2C5h1c	Sunba-1	192	134	53	379	276	18	68	12	98	68
16	2B2C5h1b	Kasari-2	116	94	32	242	139	24	34	5	63	34
17	2B2C5h1a	Kasari-1	165	125	25	315	155	44	63	6	113	63
		<b>Total</b>	<b>2416</b>	<b>1698</b>	<b>923</b>	<b>5037</b>	<b>4644</b>	<b>490</b>	<b>777</b>	<b>204</b>	<b>1471</b>	<b>777</b>

## CHAPTER-4

### INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT

#### **4.1: Project Implementing Agency**

The Project Implementing Agencies (PIA) is selected by state level Nodal Agency (SLNA) for Integrated Watershed Management Programme (IWMP) in Faizabad District of U.P. The PIA is responsible for implementation of Watershed Program. The PIA for IWMP in Faizabad District is Bhoomi Sanrakshan Adhikari (BSA), Land Development & Water Resources.

**Table 4.1: Details of Project Implementing Agency (PIA)**

S. No.	Particulars of PIA	
1	2	3
(i)	Date of selection of PIA	28.05.2010
(ii)	Type of organization	Line Dept.
(iii)	Name of organization	Dept. of Land Development & Water Resources
(iv)	Designation & Address	Bhumi Sanrakshan Adhikari, Faizabad
(v)	Telephone/Mo.No.	9453604761

**Table 4.2: Details of Staff at PIA**

S. No.	Name	M/F	Designation	Qualification	Field of Experience & Period	Roll/Function
1	2	3	4	5	6	7
1	Sri.R.P.Verma	M	B.S.A	Civil diploma	31 Years	WaterShed Management
2	Dhramveer Singh	M	J.E	Civil diploma	31Years	Civil Engg.
3	SriAwadvihari Gupta	M	Draftsman	B.A	30Years	WaterShed Management
4	Sri.Tulsiram	M	Accountant	B.Com	31Years	“ ”
5	Sri.Vidya Sagar Singh	M	Sr.Clerk	B.A/LLB	30Years	“ ”
6	Sri Kamlish singh	M	Sr.Clerk	B.A	31Years	“ ”
7	Sri Om prakash singh	M	Sr.Clerk	B.A	31Years	“ ”
8	Sri Mhendra Prasad Upadhyay	M	Jiladar	Inter	30Yeras	“ ”
9	Sri Prmam Dutt Shukla	M	Irrigation Supervisor	Inter	30Years	WaterShed Management
10	Sri Ram Chandra	M	Irrigation Supervisor	Hight school	27Yeras	WaterShed Management

S. No.	Name	M/F	Designation	Qualification	Field of Experience & Period	Roll/Function
1	2	3	4	5	6	7
11	Sri.Anil kumar shukla	M	Irrigation Supervisor	Inter	30Years	WaterShed Management
12	Sri.Ramkishor verma	M	Munsi	B.A	31Years	" "
13	Sri.Rajendraingh	M	Munsi	Inter	31Years	" "
14	sri. Ramraksha upadyay	M	Sinchpal	Inter	30Years	" "
15	Sri.Ramnath singh	M	Sinchpal	M.A	26Years	" "
16	sri.Barat singh	M	Sinchpal	Inter	23Years	" "
17	Sri.Ramchandra yadav	M	Sinchpal	Hight school	23Years	" "
18	Sri.Ramchandra gupta	M	Sinchpal	Inter	27Yeras	" "
19	Sri.Fulchandra	M	Sinchpal	B.A	27Yeras	" "
20	Sri Ramvachan morya	M	ASCI	B.Sc AQ	30Years	" "

**Table 4.3: Details of Watershed Development Team (WDT)**

S. NO.	Name	M/F	Designation	Qualification	Field of Experience & Period	Roll/Function
1	Mr. Dharamveer Singh	M	J.E.	Civil Eng. Diploma	30	Water Resouces
2	Mr. Chandrapal Singh	M	A.S.C.I(Rtd)	M.Sc Ag	35	Soil Conservation
3	Mr. Droop Chand	M	WDT	B.Sc. Ag.	28	Agricultural Specialist
4	Mr. Manoj Kumar Sukhla	M	WDT	M.A	15	Social Mobilization

**Table 4.4: Details of Watershed Committee (WC)**

Sl. No.	Name of Gram Panchayat	Name/ Father or Husband's name	Designation	M/F	SF/MF/ LF/LL		UG/ SHG / GP / Other	Educational qualification
1	SUNBA	Sri Ram jas	President	M	Other		Other	H.Sc.
2		Sri Ram kumar	Secretary	M	Other		SHG	H.Sc.
3		Sri Ramrakcha upadyay	Member	M	Other		Other	Literate
4		Sri Ram Sagar	Member	M	Other	Land less pranson	Other	Literate
5		Sri Ram chran	Member	M	SC		Other	Literate
6		Sri Ram Chandra singh	Member	M	Other		Other	Literate
7		Sri Ram Piyya	Member	M	Other		Other	Literate
8		Sri Jay Ram	Member	M	Other		Other	Literate
9		Sri Islam	Member	M	Other		SHG	Literate
10		Sri Rasid	Member	M	Other		SHG	Literate
1	SAMSI	Sri Ashok kumar	President	M	Other		Other	H.Sc.
2		Sri Rakesh Kumar	Secretary	M	Other		SHG	H.Sc.
3		Sri Ramnath Singh	Member	M	Other		Other	Literate
4		Sri Savel Singh	Member	M	Other		SHG	Literate
5		Sri Kedar Singh	Member	M	Other		SHG	Literate
6		Sri Mahadev	Member	M	Other		Other	Literate
7		Sri Shiv Smrr	Member	M	Other		Other	Literate
8		sri Rajesh Kumar	Member	M	Other		Other	Literate
9		Sri Raj Vash	Member	M	Other		Other	Literate
10		Sri Samtaram	Member	M	SC		Other	Literate
	TER							
1		Sri Brijes Kumar	President	M	SC		Other	Inter
2		Sri Ravindra	Secretary	M	Other		Other	H.Sc.

Sl. No.	Name of Gram Panchayat	Name/ Father or Husband's name	Designation	M/F	SF/MF/ LF/LL		UG/ SHG / GP / Other	Educational qualification
3	MATHA NEWADA	Sri Dhram patan	Member	M	Other		Other	Literate
4		Sri Ramachal	Member	M	Other		Other	Literate
5		Sri Rambhadur	Member	M	SC		Other	Literate
6		Sri Karamraj	Member	M	SC		SHG	Literate
7		Sri Ram kumar	Member	M	Other		Other	Literate
8		Sri Nanku	Member	M	Other		Other	Literate
9		Sri Rajendra bahadur	Member	M	Other		Other	Literate
10		Sri Shiv burat	Member	M	Other		Other	Literate
1		Sri Ram naresh	President	M	Other		SHG	Inter
2	KASARI	SriRajendra bahadur singh	Secretary	M	Other		Other	Inter
3		Sri Prayagdatta shukla	Member	M	Other		Other	Literate
4		Sri Sadu ram tiwari	Member	M	Other		SHG	Literate
5		Sri Ram bran	Member	M	SC		Other	Literate
6		Sri Raju	Member	M	Other		Other	Literate
7		Sri Mansharam	Member	M	Other		Other	Literate
8		Sri Jay mola	Member	M	SC		Other	Literate
9		Sri Jitendra singh	Member	M	Other		Other	Literate
10		SriSri Ram lal	Member	M	SC		Other	Literate
1		Sri Indrjeet singh	President	M	Other		Other	H.Sc.
2		Sri Anil kumar	Secretary	M	Other		Other	H.Sc.
3		Sri Prayagdatta shukla	Member	M	Other		Other	Literate
4		Sri Gavind Prasad	Member	M	SC	Land less person	Other	Literate

<b>Sl. No.</b>	<b>Name of Gram Panchayat</b>	<b>Name/ Father or Husband's name</b>	<b>Designation</b>	<b>M/F</b>	<b>SF/MF/ LF/LL</b>		<b>UG/ SHG / GP / Other</b>	<b>Educational qualification</b>
5	BIHARA	Sri Mahbub	Member	M	Other		Other	Literate
6		Sri Ramujagir	Member	M	SC		Other	Literate
7		Sri Srinath	Member	M	SC		Other	Literate
8		Sri Rajendra tiwari	Member	M	Other		Other	Literate
9		Sri Sunil kumar	Member	M	Other		SHG	Literate
10		Sri SukhDev	Member	M	Other		SHG	Literate
1	CHANDRAMAU MANGA	Sri Balawant singh	President	M	Other		Other	H.Sc.
2		Smt Susa singh	Secretary	F	Other		Other	H.Sc.
3		Sri Rajendra bahadur	Member	M	Other		Other	Literate
4		Md.Idris	Member	M	Other		SHG	Literate
5		Sri Akil ahmad	Member	M	Other		SHG	Literate
6		Sri Ram nihal visvkarama	Member	M	Other		Other	Literate
7		Sri Santram	Member	M	SC		SHG	Literate
8		Sri Hari prakash singh	Member	M	Other		Other	Literate
9		Sri Itvar ali	Member	M	Other		Other	Literate
10		Sri Sakeel ahmad	Member	M	Other		SHG	Literate
1	CHANDRAMAU MANGA	Sri Raht ali	President	M	Other		Other	8 <sup>th</sup>
2		Sri Guljar ahmad	Secretary	M	Other		Other	H.Sc.
3		Sri Ramrakcha upadyay	Member	M	Other		Other	Literate
4		Sri Parma	Member	M	Other		Other	Literate
5		Sri Afsana	Member	M	Other		Other	Literate
6		Sri Sher mohmmd	Member	M	Other		Other	Literate
7		Sri Ram kumar	Member	M	Other		Other	Literate

<b>Sl. No.</b>	<b>Name of Gram Panchayat</b>	<b>Name/ Father or Husband's name</b>	<b>Designation</b>	<b>M/F</b>	<b>SF/MF/ LF/LL</b>		<b>UG/ SHG / GP / Other</b>	<b>Educational qualification</b>
8		Sri Vavadeen	Member	M	SC		Other	Literate
9		Sri Anvar	Member	M	Other		Other	Literate
10		Md. Sav	Member	M	Other		Other	Literate
1	GANESHPUR	Sri Kndei	President	M	SC		Other	8 <sup>th</sup>
2		Sri Deavndra kumar tiwari	Secretary	M	Other		Other	B.A.
3		Sri Kamkhyadeen	Member	M	Other		Other	Literate
4		Sri Jagannath	Member	M	Other		Other	Literate
5		Sri Indra pratap	Member	M	Other		Other	Literate
6		Sri Shiv ram	Member	M	SC		Other	Literate
7		Sri Nand lal	Member	M	Other		Other	Literate
8		Sri modei	Member	M	Other		Other	Literate
9		Sri Omprakash	Member	M	Other		Other	Literate
10		Sri Barat singh	Member	M	Other		Other	Literate
1	BHAWANI PUR	Smt Mina yadav	President	M	Other		Other	8 <sup>th</sup>
2		Sri Durgash kumar	Secretary	M	Other		Other	H.Sc.
3		Sri Barat singh	Member	M	Other		Other	Literate
4		Sri Jagdis	Member	M	SC		Other	Literate
5		Sri Sohan lal	Member	M	SC		Other	Literate
6		Sri Vismbar	Member	M	Other		Other	Literate
7		Sri Ram khavan	Member	M	Other		Other	Literate
8		Sri Santosh kumar	Member	M	Other		Other	Literate
9		Sri Pavan kumar	Member	M	Other		Other	Literate
10		Sri Islam	Member	M	Other		SHG	Literate

- M- Male, F- Female
- SF- Small Farmer, MF- Marginal Farmer, LF- Large Farmer, LL- Landless
- GP- Gram Panchayat, UG – User Group, SHG- Self help group

#### **4.2: User Group (UG)**

User Groups are formed to manage an activity or asset created under the programme on a long term basis. The user groups will collect user charges from their members, oversee the works, manage the CPRs and benefits.

**Table 4.5: Details of User Groups**

S.No.	Name of Village	Code of User Group	Total No. of Members	Name of Bank & Address	A/c No. & Date	Upto date saving	Group Activity	Status of Agreement
1	Bihara	CB01	11	-	-	-	-	-
2	Bihara	CB22	5	-	-	-	-	-
3	Ter	CB45	5	-	-	-	-	-
4	Bihara	CD01	7	-	-	-	-	-
5	Kasari	MB01	14	-	-	-	-	-
6	Bihara	MB02	17	-	-	-	-	-
7	Bihara	MB03	17	-	-	-	-	-
8	Bihara	MB04	15	-	-	-	-	-
9	Kasari	MB05	16	-	-	-	-	-
10	Ter	MB06	6	-	-	-	-	-

S.No.	Name of Village	Code of User Group	Total No. of Members	Name of Bank & Address	A/c No. & Date	Upto date saving	Group Activity	Status of Agreement
11	Semsi	MB07	18	-	-	-	-	-
12	Semsi	MB08	14	-	-	-	-	-
13	Ter	MB09	17	-	-	-	-	-
14	Semsi	MB10	15	-	-	-	-	-
15	Ganeshpur	MB11	18	-	-	-	-	-
16	Ganeshpur	MB12	14	-	-	-	-	-
17	Ganeshpur	MB13	10	-	-	-	-	-
18	Ter	MB14	20	-	-	-	-	-
19	Semsi	MB15	19	-	-	-	-	-
20	Semsi	MB16	8	-	-	-	-	-
21	Semsi	MB17	14	-	-	-	-	-
22	Semsi	MB18	3	-	-	-	-	-
23	Ganeshpur	MB19	8	-	-	-	-	-
24	Ganeshpur	MB20	3	-	-	-	-	-
25	Ganeshpur	MB21	4	-	-	-	-	-
26	Ganeshpur	MB22	5	-	-	-	-	-
27	Ganeshpur	MB23	5	-	-	-	-	-
28	Ganeshpur	MB24	5	-	-	-	-	-
29	Ganeshpur	MB25	4	-	-	-	-	-
30	Ganeshpur	MB26	5	-	-	-	-	-
31	Ganeshpur	MB27	6	-	-	-	-	-

S.No.	Name of Village	Code of User Group	Total No. of Members	Name of Bank & Address	A/c No. & Date	Upto date saving	Group Activity	Status of Agreement
32	Ganeshpur	MB28	6	-	-	-	-	-
33	Kasari	PB01	17	-	-	-	-	-
34	Kasari	PB02	18	-	-	-	-	-
35	Kasari	PB03	5	-	-	-	-	-
36	Kasari	PB04	5	-	-	-	-	-
37	Semsi	PB05	7	-	-	-	-	-
38	Bihara	PB06	4	-	-	-	-	-
39	Bihara	PB07	7	-	-	-	-	-
40	Bihara	PB08	8	-	-	-	-	-
41	Bihara	PB09	9	-	-	-	-	-
42	Semsi	PB10	4	-	-	-	-	-
43	Ganeshpur	PB11	6	-	-	-	-	-
44	Ganeshpur	PB12	5	-	-	-	-	-
45	Semsi	PB13	4	-	-	-	-	-
46	Semsi	PB14	9	-	-	-	-	-
47	Semsi	PB15	8	-	-	-	-	-
48	Semsi	PB16	5	-	-	-	-	-
49	Ganeshpur	PB17	7	-	-	-	-	-
50	Semsi	PB19	5	-	-	-	-	-
51	Semsi	PB20	5	-	-	-	-	-
52	Matha Newada	PB22	6	-	-	-	-	-

S.No.	Name of Village	Code of User Group	Total No. of Members	Name of Bank & Address	A/c No. & Date	Upto date saving	Group Activity	Status of Agreement
53	Semsi	PB23	3	-	-	-	-	-
54	Semsi	PB24	8	-	-	-	-	-
55	Semsi	PB25	5	-	-	-	-	-
56	Ganeshpur	PB31	6	-	-	-	-	-
57	Ganeshpur	PB35	6	-	-	-	-	-
58	Ganeshpur	PB37	6	-	-	-	-	-
59	Semsi	PB60	6	-	-	-	-	-
60	Kasari	PND01	16	-	-	-	-	-
61	Kasari	PND02	14	-	-	-	-	-
62	Kasari	PND03	12	-	-	-	-	-
63	Semsi	PND04	10	-	-	-	-	-
64	Semsi	PND05	12	-	-	-	-	-
65	Semsi	PND06	16	-	-	-	-	-
66	Semsi	PND07	13	-	-	-	-	-
67	Ganeshpur	PND08	17	-	-	-	-	-
68	Semsi	PND09	14	-	-	-	-	-
69	Ter	PND10	3	-	-	-	-	-
70	Ter	PND11	5	-	-	-	-	-
71	Sunba	WHD01	13	-	-	-	-	-
	Total		663					

### 4.3: Self Help Group (SHG)

Self help group is motivated homogenous group organized through credit and thrift activities. Self help group especially for women help and uplift their livelihood. Generally self help group formed for the landless/assetless, SC/ST and women.

**Table 4.6: Details of Self Help Groups**

S.N.	Name of MWS	Name of SHG	Date of Constitution	Name of President	Name of Secretary	Total No. of Members				Bank/Address & A/c No	Saving per Month	Group Activity
						Women	SC/ST	Others	Total			
1	Matha Newada	Jai ma Kamakya SHG	-----	Sri.Jitendra singh	Sri.Ram naresh yadav	-----	5	6	11	-----	220	Mini Rice Polisher
2	Matha Newada	Jai ma vishno devi	-----	Smt.Nitu singh	Smt.Punam devi	11	1	10	11	-----	220	Dairy
3	Matha Newada	Om Namsivaiah	-----	Sri.Siyaram yadav	Sri.Hajari	-----	2	9	11	-----	220	Dairy
4	Kasari	Jai ma kamakya Bhavani	-----	Sri.Ramdiraj	Sri.Sunil kumar	-----	3	8	11	-----	220	Goatry
5	Kasari	Baba mohan Das	-----	Smt.Rina	Smt.Gudiya	11	11	----	11	-----	220	Tailoring

S.N.	Name of MWS	Name of SHG	Date of Constitution	Name of President	Name of Secretary	Total No. of Members				Bank/Adress & A/c No	Saving per Month	Group Activity
						Women	SC/ST	Others	Total			
6	Semsi	Jai Vishno Mata	---	Smt. Sima singh	Smt.Asha Gupta	11	0	0	11	---	550	Tailoring
7	Chandamau Manga	Bhari shaid baba	---	Md.Raheem	Sri.Ram kumar	0	4	7	11	---	550	Goatry
8	Bhawanipur	Jai Balaji	---	Sri.Dinesh panday	Sri.Ramesh Soni	0	1	10	11	---	550	Mini Rice polisher
9	Semsi	Jai Bole Shanker	---	Sri Sanval singh	Sri Rakesh kumar	0	4	7	11	---	550	Dairy
10	Ganeshpur	Jai Sherewali ma	---	Smt.Anita	Smt.Anita	11	0	0	11	---	550	Goatry
		Jai Kalima	---	Sri.Jagnnath Moraya	Sri.IndrPratap singh	0	8	3	11	---	550	Animal Husbandary
11	Ter	Oridasbaba	---	Sri.Arvind kumar	Sri.Karmaraj	0	10	1	11	---	550	Animal Husbandary
		Badara giri baba	---	Sri.Asvin kumar	Sri Ramnaresh	0	11	0	11	---	550	Goatry
12	Bihara	Baba Barysal	---	Md.Akil ahmad	Md.Suhel	0	6	5	11	---	550	Dairy
13	Chandamau Manga	Lal suhid baba	---	Md.Samim	Md.Taj muhmmad	0	4	7	11	---	550	Poultry

S.N.	Name of MWS	Name of SHG	Date of Constitution	Name of President	Name of Secretary	Total No. of Members				Bank/Adress & A/c No	Saving per Month	Group Activity
						Women	SC/ST	Others	Total			
14	Bhawanipur	Jai Bha baba	---	Sri.jagjevan	Sri.RaviNandan singh	0	0	11	11	---	550	Dairy
15	Sunba	Ganesh	---	Sri. Sanjay singh	Sri.Ram kumar	0	3	8	11	---	550	Dairy
16	Bihara	Baba Berisal	---	Sri.Suhel Ahmad	Sri.Sakil Ahmad	0	6	5	11	---	550	Mini Rice Polisher
17	Sunba	Lakshmi devi	---	Smt. Laxmi devi	Smt. Sangeeta	0	3	8	11	---	550	Dairy
	<b>Total</b>	---	---	---	---	<b>33</b>	<b>82</b>	<b>72</b>	<b>209</b>	---	<b>8800</b>	---

Before the formation of SHGs, PRA activities & Group discussions (GDs) is organised with the help of women, which came up with the following observations:-

- a) Lack of proper credit facilities due to low intervention of formal financial credit institutions.
- b) Excessive exploitation of weaker section by money lenders and also Lack of attitude for saving among poor people.
- c) Lack of Knowledge on credit, thrift activity and banking.

With a detailed discussion identified training institutes, NGOs working in the area it was planned to provide capacity building to SHGs to promote livelihood activities with an aim to women empowerment also.

#### 4.4: Convergence in IWMP-Ist

Several programmes are running in the areas which are sponsored by State of U.P. & Central Govt of India. Some of them are given below-

**Table 4.7: List of State/Central Govt. Schemes**

S.No.	Name of Programme	Implementing Agency	Objectives
1	Training Programme	Ag. Department & KVK	Capacity building of the farmers
2	National Horticulture Mission	Horticulture Department	Increasing the area & Productivity of Products under fruits and vegetables
3	MNREGA	Gram Panchayat	To provide 100 days employment work to the villagers to avoid migration
4	Animal Husbandry	U.P. Animal Husbandry Dept.	To improve the productivity of animals.
5	NABARD	Ag. Deparment	Soil & Water conservation & Watershed Development

**Table 4.8: Details of Convergence of IWMP with other Schemes**

Amt. in Lacs Rs.

S.No	Code of MWS	Project Cost	Treatable Area (ha)	Budget	Convergence Amt.	%age	Name of Schemes for Converging with IWMP	Remarks
1	All 17 Watersheds	414.17	4994	335.60	78.57	23.4%	MNREGA	for Natural resource management (Soil & Water conservation Structures)

## CHAPTER-5

### MANAGEMENT ACTION PLAN

The details of Preparatory Phase, Work Phase and Convergence Planning are described in subsequent sections.

#### **5.1: Entry Point Activity (EPA):**

Entry point activities are executed with the consent of stake holders and it helps in winning the confidence of the villagers for moving ahead the other programmes of watershed. In total 32 activities are executed in the project area which costed Rs. 24,49,920/-.

**Table 5.1: Details of EPA**

S.No	Name of the Gram Panchayat	Place of Activity/Work	Name of the Activity/Work	Length	Mandays	Cost
1	Matha Newada	Newad Village to Ahibaran Singh village	Connecting road	618 mts	451	45100
			Panchayat Chabutara	6*6		89362
2	Kasari	Ranjeet Singh Tube well to Kasari Village	Connecting road	324 mts	400	40000
		Badainpurwa to Balaw Misir Purwa	Connecting road	918	648.5	64850
		Balaghat Purwa to Badain Purwa Sadak	Connecting road	333	170	17000
		Kasari Sampark Marg to Madakiyan Purwa	Connecting road	263	135	13500
			Panchayat Chabutara	10.95*7.38 mts		126907
3	Chandramau Manga	Chandramau Manga Village to Newada Border	Connecting road	600	680	68000
4	Sunba	Etah Sadk to Baba Purwa	Connecting road	404	354	35400
		Near Tower in Kadanga Road to Muhabara Rajkumar House	Connecting road	173	124.5	12450
		Baba Purwa to baisan Purwa	Connecting road	305	308.5	30850
		Sunba Vilage Culvert to behind Masjid	Connecting road	196	155.5	15550

S.No	Name of the Gram Panchayat	Place of Activity/Work	Name of the Activity/Work	Length	Mandays	Cost
		Sunba Village Budh ram house to Kadanja road	Connecting road	138	77.5	7750
		Sunba Village to Semsi Connecting Raod	Connecting road	1279	1451	145100
			Panchayt Chabutara	12*12		142152
5	Ganeshpur	Ganeshpur raod to Bank of River Gomati	Connecting road	1469	2357	235700
			Panchayat Chabutara	10*10		126245
6	Bhawanipur	Purelodan to Kisan lal field	Connecting road	305	790	79000
		Kisan Lal field to Sujat Ali purwa	Connecting road	420		
		Kisanlal Field to Connecting Road	Connecting road	295		
			Panchayt Chabutara	10*10		127115
7	Semsi	Bharatpur Village to Dilaya Mau Village	Connecting road	960	2160	216000
		Haripur Road to Rampur Road	Connecting road	975	2064	206400
			Culvert 1			175929
			Panchayat Chabutara	10*10		
8	Ter	Ter Village to Dharam ganj Pakka Road	Connecting road	564	538	53800
		Ter Village to Jiayaka Purwa	Connecting road	530	545	54500
			Panchayat Chabutara	12.5*12.5		123035
9	Bihara	Bihara Village to Kalidev Place	Connecting road	489	469	46900
		Bihara conneting road to Matiya Village	Connecting road	445	244	24400
		AnandiPurwa to Puttan Field	Connecting road	130	68	6800
			Panchat chabuttara	12*10		120125
<b>GRAND TOTAL</b>						<b>2449920</b>

## **5.2 Work Phase:**

**Following are the major problems of the watershed:-**

- Moisture stress-Drought conditions
- Erosion hazard
- Excess runoff
- Land degradation
- Low fertility of soil
- Ground water depletion/Low ground water table, poor quality of groundwater
- Low cropping intensity
- Lack of technical knowledge
- Lack of irrigation facilities
- Low productivity of crops
- Poor availability of drinking water for human as well as animals
- Overgrazing
- Poor vegetative cover
- Poor/low productive breeds of miltch animals
- Lower milk production
- Lack of feed & fodder availability
- Non availability of wood/fuel
- Lack of proper market facilities
- Lack of educational, transportation, medical & health care facilities
- Low wages
- Small land holdings
- Low income of the households
- Lack of employment opportunity
- Migration from the project area

## **Watershed Development Activities Proposed:**

The details of the activities of watershed works are given below.

**Table 5.2: Micro Watershed wise details of Watershed Development Activities proposed in IWMP-I**

(Cost in Rs)

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5g1b		2B2C5g1c		2B2C5g1d		2B2C5g1e		2B2C5g1f	
Soil & Water Conservation Measures:		unit	cost								
<b>A. Moisture Conservation Measures:</b>											
1. Field Bund											
2. Contour Bund (with Sodding)	Length/mtr	17664	534437	3026	91526	7300	300764	-	-	14856	449372
3. Peripheral Bund (with Sodding)	Length/mtr	4927	617599	1139	125026	1091	151396	576	82981	8904	1054279
4. Marginal Bund (with Sodding)	Length/mtr	-	-	1101	142111	892	176550	2083	355447	-	-
5. Submergence Bund (with Sodding)	Length/mtr										
6. Earthen Check Dam (with Sodding)	Length/mtr	385	627466	-	-	-	-	-	-	-	-
<b>B. Water Resources Development:</b>											
1. Tank/Pond:	Count										
1a. Water storing capacity	ha/m	2	356276	1	125783	2	430769	-		12	1131242
1b. Area proposed for irrigation	ha	30117		6824		16700		-	-	24549	
2. Water Harvesting Bundhi	mtr	36		8		20		-		32	
2a. Water storing capacity	ha/m	-	-	-	-	-	-	-	-	-	-
2b. Area proposed for irrigation	ha	-		-		-		-	-	-	

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5g1b		2B2C5g1c		2B2C5g1d		2B2C5g1e		2B2C5g1f	
Soil & Water Conservation Measures:		unit	cost	unit	cost	unit	cost	unit	cost	unit	cost
<b>A. Moisture Conservation Measures:</b>											
3. Check Dam	mtr	-		-		-		-		-	
1a. Water storing capacity	ha/m	-	-	7	420000	-	-	-	-	-	-
1b. Area proposed for irrigation	ha	-				-		-		-	
		-				-		-		-	
<b>Agro forestry:</b>											
A. Scattered Plantation	No. of Plants										
Species:		259		94		201				609	
B. Block Plantation	Area ha										
Species:		3.803	114077	1.053	63210	0.93	55800	0.489	29340	3.382	101469
		3803		2107		1860		978		3382	
<b>Afforestation</b>											
A. Private Land	Area ha										
Species:											
B. Common Land	Area ha										
Species:											
Silvi pasture											
A. Species - plants:	Area ha										
B. Grasses species	Area ha										
Species 1:											

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5g2a		2B2C5g2b		2B2C5h1a		2B2C5h1b		2B2C5h1c	
Soil & Water Conservation Measures:		unit	cost	unit	cost	unit	cost	unit	cost	unit	cost
<b>A. Moisture Conservation Measures:</b>											
1. Field Bund											
2. Contour Bund (with Sodding)	Length/mtr	3156	219501	18267	552558	4927	205063	5107	210501	14559	440414
3. Peripheral Bund (with Sodding)	Length/mtr	3519	472588	11757	2037135	2826	310869	677	90517	1961	486351
4. Marginal Bund (with Sodding)	Length/mtr	7257	1241159	921	168741	2453	243029	2558	340809	327	44342
5. Submergence Bund (with Sodding)	Length/mtr										
6. Earthen Check Dam (with Sodding)	Length/mtr	-	-	-	-	-	-	-	-	-	-
<b>B. Water Resources Development:</b>											
1. Tank/Pond:	Count										
1a. Water storing capacity	ha/m	5	627910	6	607195	3	310324	3	571453	1	138335
1b. Area proposed for irrigation	ha	34539		18701		10218		13483		8733	
2. Water Harvesting Bundhi	mtr	42		22		13		16		10	
2a. Water storing capacity	ha/m	-	-	134	213420	-	-	-	-	188	603013
2b. Area proposed for irrigation	ha	-				-		-			
3. Check Dam	mtr	-				-		-			
1a. Water storing capacity	ha/m	-	-	10	600000	-	-	-	-	-	-
1b. Area proposed for irrigation	ha	-				-		-		-	
		-				-		-		-	
<b>Agro forestry:</b>											
A. Scattered Plantation	No. of Plants										
Species:		398		348		216		232		110	
B. Block Plantation	Area ha										

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5g2a		2B2C5g2b		2B2C5h1a		2B2C5h1b		2B2C5h1c	
Soil & Water Conservation Measures:		unit	cost	unit	cost	unit	cost	unit	cost	unit	cost
<b>A. Moisture Conservation Measures:</b>											
Species:		1.91	57305	8.881	333548	1.597	47918	1.352	40566	2.812	130299
		1911		11118		1597		1351		4343	
<b>Afforestation</b>											
A. Private Land	Area ha										
Species:											
B. Common Land	Area ha										
Species:											
Silvi pasture											
A. Species - plants:	Area ha										
B. Grasses species	Area ha										
Species 1:											

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5h1d		2B2C5h1e		2B2C5h1g		2B2C5h2a		2B2C5h2b	
Soil & Water Conservation Measures:		unit	cost	unit	cost	unit	cost	unit	cost	unit	cost
<b>A. Moisture Conservation Measures:</b>											
1. Field Bund											
2. Contour Bund (with Sodding)	Length/mtr	7973	24115 9	1365 9	41324 0	1962 8	593693	1406 8	425616	1475 6	44625 2

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5h1d		2B2C5h1e		2B2C5h1g		2B2C5h2a		2B2C5h2b	
Soil & Water Conservation Measures:		unit	cost	unit	cost	unit	cost	unit	cost	unit	cost
<b>A. Moisture Conservation Measures:</b>											
3. Peripheral Bund (with Sodding)	Length/mtr	1762	20146 2	6758	86421 6	5094	640058	8842	115936 0	1313	16795 5
4. Marginal Bund (with Sodding)	Length/mtr	-	-	-	-	-	-	-	-	1461	28892 5
5. Submergence Bund (with Sodding)	Length/mtr										
6. Earthen Check Dam (with Sodding)	Length/mtr	253	40777 3	-	-	-	-	170	274021	-	-
<b>B. Water Resources Development:</b>											
1. Tank/Pond:	Count										
1a. Water storing capacity	ha/m	3	43701 2	7	71595 3	12	135291 0	4	394030	6	60965 8
1b. Area proposed for irrigation	ha	2959 0		2274 9		5869 5		1076 0		1901 3	
2. Water Harvesting Bundhi	mtr	36		27		71		12		24	
2a. Water storing capacity	ha/m	-	-	-	-	-	-	405	684664	123	19872 4
2b. Area proposed for irrigation	ha	-		-		-					
3. Check Dam	mtr	-		-		-					
1a. Water storing capacity	ha/m	-	-	-	-	-	-	-	-	-	-
1b. Area proposed for irrigation	ha	-		-		-		-	-	-	-
<b>Agro forestry:</b>											

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5h1d		2B2C5h1e		2B2C5h1g		2B2C5h2a		2B2C5h2b	
Soil & Water Conservation Measures:		unit	cost								
<b>A. Moisture Conservation Measures:</b>											
A. Scattered Plantation	No. of Plants										
Species:		342		466		872		240		370	
B. Block Plantation	Area ha										
Species:		2.021	90001	3.496	14532	1	4.101	123024	2.189	65672	3.593
		3000		4844		4100		2189		3645	5
<b>Afforestation</b>											
A. Private Land	Area ha										
Species:											
B. Common Land	Area ha										
Species:											
Silvi pasture											
A. Species - plants:	Area ha										
B. Grasses species	Area ha										
Species 1:											

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5h2c		2B2C5h2d	
Soil & Water Conservation Measures:		unit	cost	unit	cost
<b>A. Moisture Conservation Measures:</b>					
1. Field Bund					
2. Contour Bund (with Sodding)	Length/mtr	25383	767885	8348	252496
3. Peripheral Bund (with Sodding)	Length/mtr	3969	576103	2533	348967
4. Marginal Bund (with Sodding)	Length/mtr	3745	679437	-	-
5. Submergence Bund (with Sodding)	Length/mtr				
6. Earthen Check Dam (with Sodding)	Length/mtr	111	190004	201	347577
<b>B. Water Resources Development:</b>					
1. Tank/Pond:	Count				
1a. Water storing capacity	ha/m	11	1051021	4	385574
1b. Area proposed for irrigation	ha	24641		9468	
2. Water Harvesting Bundhi	mtr	31		12	
2a. Water storing capacity	ha/m	-	-	-	-
2b. Area proposed for irrigation	ha	-		-	
3. Check Dam	mtr	-		-	
1a. Water storing capacity	ha/m	10	600000	-	-
1b. Area proposed for irrigation	ha			-	
				-	
<b>Agro forestry:</b>					
A. Scattered Plantation	No. of Plants				
Species:		577		224	
B. Block Plantation	Area ha				
Species:		7.443	223287	2.821	99967
		7442		3331	
<b>Afforestation</b>					
A. Private Land	Area ha				
Species:					

Particular of Measures/Activities	Unit No./Length/area ha	2B2C5h2c		2B2C5h2d	
Soil & Water Conservation Measures:		unit	cost	unit	cost
<b>A. Moisture Conservation Measures:</b>					
B. Common Land	Area ha				
Species:					
Silvi pasture					
A. Species - plants:	Area ha				
B. Grasses species	Area ha				
Species 1:					

### Gram Panchayat wise details of Watershed Development Activities proposed in IWMP-I Gram Panchayat wise

Particular of Measures/Activities	Unit No./Length/area ha	Bhawanipur		Bihara		Chandramau Manga		Ganeshpur		Kasari		Matha Newada	
		Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost
<b>Soil &amp; Water Conservation Measures:</b>													
A. Moisture Conservation Measures:													
1. Field Bund													
2. Contour Bund (with Sodding)	Mtr	14040	424623	21988	745093	12175	368268	32863	994185	16771	619364	12896	390112
3. Peripheral Bund (with Sodding)	Mtr			4625	755084			4720	871992	5338	628180	486	96370
4. Marginal Bund (with Sodding)	Mtr	4179	611835	6588	831548	1887	220750	10352	1352063	4366	545786	1923	263364
5. Submergence Bund (with Sodding)	Mtr												
6. Earthen Check Dam (with Sodding)	Mtr												
7. Check Road Bund (with Sodding)	Mtr	662	222064	263	106679	2200	409788			899	327090	1413	509784
8. Others			0		0		0		0		0		0
<b>Sub Total</b>			1258522		2438404		998806		3218240		2120420		1259630
<b>B. Water Resources Development:</b>													
1. Tank/Pond:	Nos	0	562046	0	912828	0	1375336	0	1038128	0	881777	0	407121
1a. Water storing capacity	Cum	11720		53641		62178		22673		23701		12801	
1b. Area proposed for irrigation	Ha	15		64		76		27		29		16	

2. Water Harvesting Bundhi	Mtr							528	883388				
2a. Water storing capacity	Cum												
2b. Area proposed for irrigation	Ha												
3. Check Dam	Mtr			7	420000			10	600000				
1a. Water storing capacity	Cum												
1b. Area proposed for irrigation	Ha												
4. Others													
Sub Total			562046		1332828		1375336		2521516		881777		407121
Agro forestry:													
A. Scattered Plantation	Area Ha	309		554		882		579		448		241	
Species:													
B. Block Plantation		4.265	120280	4.595	100767	3.492	103973	7.265	217956	3.131	88484	3.576	107287
Species:		4008		3359		3465		7265		2948		3575	
Afforestation													
A. Private Land													
Species:													
B. Common Land													
Species:													
Silvi pasture													
A. Species - plants:													
B. Grasses species													
Sub Total			120280		100767		103973		217956		88484		107287
Grand Total			1940848		3871999		2478115		5957712		3090681		1774038

Particular of Measures/Activities	Unit No./Length/area ha	Sems		Sunba		Ter	
		Unit	Cost	Unit	Cost	Unit	Cost
<b>Soil &amp; Water Conservation Measures:</b>							
A. Moisture Conservation Measures:							
1. Field Bund							
2. Contour Bund (with Sodding)	Mtr	43802	1433105	16505	499340	21510	666561
3. Peripheral Bund (with Sodding)	Mtr	7941	1372249			237	37651
4. Marginal Bund (with Sodding)	Mtr	26720	3633567	4471	743632	7628	1239083
5. Submergence Bund (with Sodding)	Mtr						
6. Earthen Check Dam (with Sodding)	Mtr						
7. Check Road Bund (with Sodding)	Mtr	3685	1524000	4259	1410417	3982	1452870
8. Others			0		0		0
Sub Total			7962921		2653389		3396165
 B. Water Resources Development:							
1. Tank/Pond:	Nos	0	2640010	0	407481	0	1251172
1a. Water storing capacity	Cum	106829		25054		30606	
1b. Area proposed for irrigation	Ha	130		30		38	
2. Water Harvesting Bundhi	Mtr	134	213420	188	603013		
2a. Water storing capacity	Cum						
2b. Area proposed for irrigation	Ha						
3. Check Dam	Mtr	10	600000				
1a. Water storing capacity	Cum						
1b. Area proposed for irrigation	Ha						
4. Others							
Sub Total			3453430		1010494		1251172

Agro forestry:						
A. Scattered Plantation	Area Ha	1710		321		682
Species:						
B. Block Plantation		9.138	246625	3.745	83010	8.437
Species:		8219		2767		7466
Afforestation						
A. Private Land						
Species:						
B. Common Land						
Species:						
Silvi pasture						
A. Species - plants:						
B. Grasses species						
Sub Total			246625		83010	223938
Grand Total			11662976		3746893	4871275

### 5.3: LIVELIHOOD ACTION PLAN

**Table 5.3: Livelihood Activities for Landless/Assetless People**

(Rs. In lacs)

S.No.	MWS Code	MWS Name	Activity Proposed	No. of Unit	Rate	Cost of Activity	SHG share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
					(lakhs)					
<b>1</b>	2B2C5g1d	Bihara3	Goatry	8	0.06	0.48	0.02	0.46	March	2 Goat per unit @ Rs. 3000/- Goat = 6000/-
			Shop	2	0.25	0.50	0.03	0.48	September	
			Dairy	2	0.25	0.50	0.03	0.48	June	
<b>2</b>	2B2C5h2d	Bhawanipur	Goatry	13	0.06	0.78	0.04	0.741	March	(02 male Goat sincluded in each SHG)
			Tailoring	6	0.08	0.48	0.02	0.456	October	
			Food processing	2	0.35	0.70	0.20	0.5	October	
			Bee keeping	3	0.2	0.60	0.03	0.57	October	
<b>3</b>	2B2C5h2c	Matha Newada2	Goatry	21	0.06	1.26	0.06	1.197	March	(02 male Goat sincluded in each SHG)
			Tailoring	10	0.08	0.80	0.04	0.76	October	
			Food processing	4	0.35	1.40	0.40	1	October	
			Bee keeping	7	0.2	1.40	0.07	1.33	October	
			Tailoring	10	0.08	0.80	0.04	0.76	October	
			Dairy	1	0.4	0.40	0.15	0.25	October	
<b>4</b>	2B2C5h2b	Ganeshpur2	Goatry	13	0.06	0.78	0.04	0.741	March	
			Tailoring	6	0.08	0.48	0.02	0.456	October	
			Shop	2	0.25	0.50	0.03	0.475	September	
			Food processing	2	0.35	0.70	0.20	0.5	October	

S.No.	MWs Code	MWS Name	Activity Proposed	No. of Unit	Rate	Cost of Activity	SHG share	Release Amt. from	Proposed date for	Remarks
			Bee keeping	3	0.2	0.60	0.03	0.57	October	
<b>5</b>	2B2C5h2a	Ganeshpur1	Goatry	17	0.06	1.02	0.05	0.969	March	
			Tailoring	4	0.08	0.32	0.02	0.304	October	
			Shop	4	0.25	1.00	0.05	0.95	September	
			Food processing	5	0.35	1.75	0.50	1.25	October	
			Bee keeping	4	0.2	0.80	0.04	0.76	October	
<b>6</b>	2B2C5h1d	Sunba2	Goatry	13	0.06	0.78	0.04	0.741	March	
			Tailoring	6	0.08	0.48	0.02	0.456	October	
			Food processing	2	0.35	0.70	0.20	0.5	October	
			Bee keeping	3	0.2	0.60	0.03	0.57	October	
<b>7</b>	2B2C5h1e	Semsi4	Goatry	17	0.06	1.02	0.05	0.969	March	
			Tailoring	4	0.08	0.32	0.02	0.304	October	
			Shop	3	0.25	0.75	0.04	0.7125	September	
			Food processing	4	0.35	1.40	0.40	1	October	
			Bee keeping	4	0.2	0.80	0.04	0.76	October	
<b>8</b>	2B2C5g2b	Semsi3	Goatry	25	0.06	1.50	0.08	1.425	March	
			Tailoring	10	0.08	0.80	0.04	0.76	October	
			Food processing	4	0.35	1.40	0.40	1	October	
			Bee keeping	7	0.2	1.40	0.07	1.33	October	
			Tailoring	10	0.08	0.80	0.04	0.76	October	
			Dairy	7	0.4	2.80	1.05	1.75	October	
<b>9</b>	2B2C5g1b	Bihara1	Goatry	16	0.06	0.96	0.05	0.912	March	

S.No.	MWs Code	MWS Name	Activity Proposed	No. of Unit	Rate	Cost of Activity	SHG share	Release Amt. from	Proposed date for	Remarks
			Tailoring	6	0.08	0.48	0.02	0.456	October	
			Shop	4	0.25	1.00	0.05	0.95	September	
			Food processing		0.35				October	
			Bee keeping	5	0.2	1.75	0.50	1.25		
				4	0.80	0.04	0.76	October		
<b>10</b>	2B2C5g1c	Bihara2	Goatry	9	0.06	0.54	0.03	0.51	March	
			Shop	2	0.25	0.50	0.03	0.48	September	
			Dairy	1	0.25	0.25	0.01	0.24	October	
<b>11</b>	2B2C5g2a	Semsi2	Goatry	14	0.06	0.84	0.04	0.798	March	
			Tailoring	6	0.08	0.48	0.02	0.456	October	
			Shop	4	0.25	1.00	0.05	0.95	September	
			Food processing	5	0.35	1.75	0.50	1.25	October	
			Bee keeping	4	0.2	0.80	0.04	0.76	October	
<b>12</b>	2B2C5g1f	Semsi1	Goatry	16	0.06	0.96	0.05	0.912	March	
			Tailoring	8	0.08	0.64	0.03	0.608	October	
			Shop	4	0.25	1.00	0.05	0.95	September	
			Food processing		0.35				October	
				3	1.05	0.30	0.75			
			Bee keeping	3	0.2	0.60	0.03	0.57	October	
<b>13</b>	2B2C5g1e	Bihara4	Goatry	9	0.06	0.54	0.03	0.51	March	
			Shop	1	0.25	0.25	0.01	0.24	September	
<b>14</b>	2B2C5h1g	Matha Newada1	Goatry	14	0.06	0.84	0.04	0.798	March	
			Tailoring	4	0.08	0.32	0.02	0.304	October	
			Shop	4	0.25	1.00	0.05	0.95	September	
			Food processing		0.35				October	
				5	1.75	0.50	1.25			

S.No.	MWs Code	MWS Name	Activity Proposed	No. of Unit	Rate	Cost of Activity	SHG share	Release Amt. from	Proposed date for	Remarks
			Bee keeping	4	0.2	0.80	0.04	0.76	October	
<b>15</b>	2B2C5h1c	Sunba1	Goatry	11	0.06	0.66	0.03	0.627	March	
			Tailoring	6	0.08	0.48	0.02	0.456	October	
			Shop	4	0.25	1.00	0.05	0.95	September	
			Food processing		0.35				October	
				2		0.70	0.20	0.5		
			Bee keeping	3	0.2	0.60	0.03	0.57	October	
<b>16</b>	2B2C5h1b	Kasari2	Goatry	8	0.06	0.48	0.02	0.46	March	
			Shop	2	0.25	0.50	0.03	0.48	September	
			Dairy	2	0.25	0.50	0.03	0.48	October	
			Tailoring	3	0.08	0.24	0.01	0.228	October	
<b>17</b>	2b2C5h1a	Kasari1	Goatry	12	0.06	0.72	0.04	0.68	March	
			Shop	1	0.25	0.25	0.01	0.24	September	
			Dairy	1	0.25	0.25	0.01	0.24	October	
			Tailoring	4	0.08	0.32	0.02	0.304	October	
			Bee keeping	2	0.2	0.40	0.02	0.38	October	
	<b>Total for MWS</b>			<b>484</b>		<b>60.38</b>	<b>7.6065</b>	<b>53.93</b>		

#### 5.4: PRODUCTION SYSTEM ACTION PLAN

Details for Production system & Micro Enterprise based livelihood activities are given below:-

**Table 5.4: Estimate for Crop Demonstration**

Seed	Recom. Variety	Sowing time	Qty kg	Rate Rs/kg	Amt. Rs	N			P			K or S			Pesticide/ Others	Total
						kg	Rate	Rs.	kg	Rate	Rs.	kg	Rate	Rs.	Rs.	Rs.
<b>Rabi Season</b>						Rs/kg			Rs/kg			Rs/kg				
Wheat	PBW- 343,443&524, K-88, UP-2338, WH-542, K- 9106 & 7, DVW-14,	1st week to 25th November	27.5	30	825	52.5	7.6	399	32.5	20.5	666.25	16.5	12	198	200	2288
Lentil	Pant masoor-5, 639,406, K-75, Narendra masoor-1	15th October to 15th November	12.5	72	900	5	7.6	38	15	20.5	307.5	5	12	60	100	1406
Mustard	Kranti, Rohini, NDR-8501, Vardan, Urvashi	25th September to 15 th October	1.5	45	67.5	30	7.6	228	10	20.5	205	10	12	120	100	721
<b>Kharif Season</b>																
Paddy	Sarju-52	3rd week June to 15 July	20	20	400	37.5	7.6	285	15	20.5	307.5	15	12	180	300	1473
Arhar	Type-7, 17, Bahar, Azad	July	5	60	300	3	7.6	22.8	10	20.5	205	5	12	60	100	688

Seed	Recom. Variety	Sowing time	Qty kg	Rate Rs/kg	Amt. Rs	N			P			K or S			Pesticide/ Others	Total
						kg	Rate	Rs.	kg	Rate	Rs.	kg	Rate	Rs.	Rs.	Rs.
Til	Type-4, 12, 13, 22	4 <sup>th</sup> week June to 1 <sup>st</sup> week July	1	105	105	8	7.6	60.8	15	20.5	307.5	8	12	96	100	2500
Pea(Vegitable)	Azad P-3, Arkil	October to November	30	65	1950	10	7.6	76	12.5	20.5	256.25	10	12	120	150	2552

Zaid Season																
Moong	Type-44, Samrat, Janpriya, Meha, HUM- 16, Pant Moong-2	10th March to 10th April	7	70	490	3	7.6	22.8	10	20.5	205	---	---	--	100	818
Urd	Pant U-19, 35, T-9, Narendra U-1, Shekhar-1, 2, Azad Urd-1, 2, Uttara	July to August	8	70	560	5	7.6	38	10	20.5	205	5	12	60	100	963

**Table 5.5: Crop Demonstration** **Amount (Rs) in lacs.**

Note: Details of the identified farmers for crop demonstration are given in project file.

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
1	2B2C5g1d	Bihara3	Crop Demo.	15	Rabi	Wheat	2288	Labour work	0.3432	September	Cost except labour
2	2B2C5g1d	Bihara3	Crop Demo.	8	Rabi	Lentil	1406	Labour work	0.11248	September	
3	2B2C5g1d	Bihara3	Crop Demo.	10	Rabi	Mustard	721	Labour work	0.0721	September	
4	2B2C5g1d	Bihara3	Crop Demo.	16	Kharif	Paddy	1473	Labour work	0.23568	May	
5	2B2C5g1d	Bihara3	Crop Demo.	16	Kharif	Arhar	688	Labour work	0.11008	May	
6	2B2C5g1d	Bihara3	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	February	
7	2B2C5g1d	Bihara3	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	February	
			<b>Total</b>	<b>73</b>			<b>8357</b>		<b>0.94</b>		
1	2B2C5h2d	Bhawanipur	Horti	4	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.8	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h2d	Bhawanipur	Crop Demo.	8	Rabi	Wheat	2288	Labour work	0.18304	September	Cost except labour

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
3	2B2C5h2d	Bhawanipur	Crop Demo.	4	Rabi	Lentil	1406	Labour work	0.05624	September	
4	2B2C5h2d	Bhawanipur	Crop Demo.	4	Rabi	Mustard	721	Labour work	0.02884	September	
5	2B2C5h2d	Bhawanipur	Crop Demo.	8	Kharif	Paddy	1473	Labour work	0.11784	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h2d	Bhawanipur	Crop Demo.	6	Kharif	Arhar	688	Labour work	0.04128	May	
7	2B2C5h2d	Bhawanipur	Crop Demo.	4	Kharif	Til	669	Labour work	0.02676	May	
8	2B2C5h2d	Bhawanipur	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	Febrary	
9	2B2C5h2d	Bhawanipur	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	Febrary	
			<b>Total</b>	<b>46</b>					<b>1.32524</b>		
1	2B2C5h2c	Matha Newada2	Horti	10	Plantation	Anola/ Mango/ Banana	20000	Labour work	2	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h2c	Matha Newada2	Crop Demo.	25	Rabi	Wheat	2288	Labour work	0.572	September	Cost except labour
3	2B2C5h2c	Matha Newada2	Crop Demo.	15	Rabi	Lentil	1406	Labour work	0.2109	September	
4	2B2C5h2c	Matha Newada2	Crop Demo.	10	Rabi	Mustard	721	Labour work	0.0721	September	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
5	2B2C5h2c	Matha Newada2	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h2c	Matha Newada2	Crop Demo.	15	Kharif	Arhar	688	Labour work	0.1032	May	
7	2B2C5h2c	Matha Newada2	Crop Demo.	15	Kharif	Til	669	Labour work	0.10035	May	
8	2B2C5h2c	Matha Newada2	Crop Demo.	8	Zaid	Moong	818	Labour work	0.06544	February	
9	2B2C5h2c	Matha Newada2	Crop Demo.	8	Zaid	Urd	963	Labour work	0.07704	February	
			<b>Total</b>						<b>3.56928</b>		
1	2B2C5h2b	Ganeshpur2	Horti	2	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.4	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h2b	Ganeshpur2	Crop Demo.	20	Rabi	Wheat	2288	Labour work	0.4576	September	Cost except labour
3	2B2C5h2b	Ganeshpur2	Crop Demo.	20	Rabi	Lentil	1406	Labour work	0.2812	September	
4	2B2C5h2b	Ganeshpur2	Crop Demo.	10	Rabi	Mustard	721	Labour work	0.0721	September	
5	2B2C5h2b	Ganeshpur2	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	
6	2B2C5h2b	Ganeshpur2	Crop Demo.	16	Kharif	Arhar	688	Labour work	0.11008	May	
7	2B2C5h2b	Ganeshpur2	Crop Demo.	8	Zaid	Moong	818	Labour work	0.06544	February	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
8	2B2C5h2b	Ganeshpur2	Crop Demo.	8	Zaid	Urd	963	Labour work	0.07704	Februbary	
			<b>Total</b>						<b>1.83171</b>		
1	2B2C5h2a	Ganeshpur1	Horti	4	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.8	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h2a	Ganeshpur1	Crop Demo.	25	Rabi	Wheat	2288	Labour work	0.572	September	Cost except labour
3	2B2C5h2a	Ganeshpur1	Crop Demo.	20	Rabi	Lentil	1406	Labour work	0.2812	September	
4	2B2C5h2a	Ganeshpur1	Crop Demo.	15	Rabi	Mustard	721	Labour work	0.10815	September	
5	2B2C5h2a	Ganeshpur1	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h2a	Ganeshpur1	Crop Demo.	16	Kharif	Arhar	688	Labour work	0.11008	May	
7	2B2C5h2a	Ganeshpur1	Crop Demo.	15	Kharif	Til	669	Labour work	0.10035	May	
8	2B2C5h2a	Ganeshpur1	Crop Demo.	10	Zaid	Moong	818	Labour work	0.0818	Februbary	
9	2B2C5h2a	Ganeshpur1	Crop Demo.	10	Zaid	Urd	963	Labour work	0.0963	Februbary	
			<b>Total</b>						<b>2.51813</b>		
1	2B2C5h1d	Sunba2	Horti	2	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.4	June	Rs. 20000/- 0.25 ha (Plantaion)

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
2	2B2C5h1d	Sunba2	Crop Demo.	20	Rabi	Wheat	2288	Labour work	0.4576	September	Cost except labour
3	2B2C5h1d	Sunba2	Crop Demo.	12	Rabi	Lentil	1406	Labour work	0.16872	September	
4	2B2C5h1d	Sunba2	Crop Demo.	12	Rabi	Mustard	721	Labour work	0.08652	September	
5	2B2C5h1d	Sunba2	Crop Demo.	20	Kharif	Paddy	1473	Labour work	0.2946	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h1d	Sunba2	Crop Demo.	12	Kharif	Arhar	688	Labour work	0.08256	May	
7	2B2C5h1d	Sunba2	Crop Demo.	12	Kharif	Til	669	Labour work	0.08028	May	
8	2B2C5h1d	Sunba2	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	Februrary	
9	2B2C5h1d	Sunba2	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	Februrary	
			<b>Total</b>						<b>1.64152</b>		
1	2B2C5h1e	Semsi4	Horti	4	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.8	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h1e	Semsi4	Crop Demo.	25	Rabi	Wheat	2288	Labour work	0.572	September	Cost except labour
3	2B2C5h1e	Semsi4	Crop Demo.	12	Rabi	Lentil	1406	Labour work	0.16872	September	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
4	2B2C5h1e	Semsi4	Crop Demo.	12	Rabi	Mustard	721	Labour work	0.08652	September	
5	2B2C5h1e	Semsi4	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h1e	Semsi4	Crop Demo.	12	Kharif	Arhar	688	Labour work	0.08256	May	
7	2B2C5h1e	Semsi4	Crop Demo.	12	Kharif	Til	669	Labour work	0.08028	May	
8	2B2C5h1e	Semsi4	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	Febrary	
9	2B2C5h1e	Semsi4	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	Febrary	
			<b>Total</b>						<b>2.22957</b>		
1	2B2C5g2b	Semsi3	Horti	10	Plantation	Anola/ Mango/ Banana	20000	Labour work	2	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5g2b	Semsi3	Crop Demo.	40	Rabi	Wheat	2288	Labour work	0.9152	September	Cost except labour
3	2B2C5g2b	Semsi3	Crop Demo.	15	Rabi	Lentil	1406	Labour work	0.2109	September	
4	2B2C5g2b	Semsi3	Crop Demo.	15	Rabi	Mustard	721	Labour work	0.10815	September	
5	2B2C5g2b	Semsi3	Crop Demo.	40	Kharif	Paddy	1473	Labour work	0.5892	May	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
6	2B2C5g2b	Semsi3	Crop Demo.	15	Kharif	Arhar	688	Labour work	0.1032	May	
7	2B2C5g2b	Semsi3	Crop Demo.	15	Kharif	Til	669	Labour work	0.10035	May	
8	2B2C5g2b	Semsi3	Crop Demo.	8	Zaid	Moong	818	Labour work	0.06544	February	
9	2B2C5g2b	Semsi3	Crop Demo.	8	Zaid	Urd	963	Labour work	0.07704	February	
			<b>Total</b>						<b>4.16948</b>		
1	2B2C5g1b	Bihara1	Horti	6	Plantation	Anola/ Mango/ Banana	20000	Labour work	1.2	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5g1b	Bihara1	Crop Demo.	20	Rabi	Wheat	2288	Labour work	0.4576	September	Cost except labour
3	2B2C5g1b	Bihara1	Crop Demo.	10	Rabi	Lentil	1406	Labour work	0.1406	September	
4	2B2C5g1b	Bihara1	Crop Demo.	8	Rabi	Mustard	721	Labour work	0.05768	September	
5	2B2C5g1b	Bihara1	Crop Demo.	20	Kharif	Paddy	1473	Labour work	0.2946	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5g1b	Bihara1	Crop Demo.	10	Kharif	Arhar	688	Labour work	0.0688	May	
7	2B2C5g1b	Bihara1	Crop Demo.	4	Kharif	Til	669	Labour work	0.02676	May	
8	2B2C5g1b	Bihara1	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	February	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
9	2B2C5g1b	Bihara1	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	Februrary	
			<b>Total</b>						<b>2.31728</b>		
1	2B2C5g1c	Bihara2	Crop Demo.	12	Rabi	Wheat	2288	Labour work	0.27456	September	Cost except labour
2	2B2C5g1c	Bihara2	Crop Demo.	5	Rabi	Lentil	1406	Labour work	0.0703	September	
3	2B2C5g1c	Bihara2	Crop Demo.	5	Rabi	Mustard	721	Labour work	0.03605	September	
4	2B2C5g1c	Bihara2	Crop Demo.	12	Kharif	Paddy	1473	Labour work	0.17676	May	Cost including Seed+ Fertilizer + Pesticide
5	2B2C5g1c	Bihara2	Crop Demo.	5	Kharif	Arhar	688	Labour work	0.0344	May	
6	2B2C5g1c	Bihara2	Crop Demo.	5	Kharif	Til	669	Labour work	0.03345	May	
7	2B2C5g1c	Bihara2	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	Februrary	
8	2B2C5g1c	Bihara2	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	Februrary	
			<b>Total</b>						<b>0.69676</b>		
1	2B2C5g2a	Semsi2	Horti	4	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.8	Jun	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5g2a	Semsi2	Crop Demo.	25	Rabi	Wheat	2288	Labour work	0.572	September	Cost except labour

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
3	2B2C5g2a	Semsi2	Crop Demo.	20	Rabi	Lentil	1406	Labour work	0.2812	September	
4	2B2C5g2a	Semsi2	Crop Demo.	15	Rabi	Mustard	721	Labour work	0.10815	September	
5	2B2C5g2a	Semsi2	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5g2a	Semsi2	Crop Demo.	16	Kharif	Arhar	688	Labour work	0.11008	May	
7	2B2C5g2a	Semsi2	Crop Demo.	15	Kharif	Til	669	Labour work	0.10035	May	
8	2B2C5g2a	Semsi2	Crop Demo.	10	Zaid	Moong	818	Labour work	0.0818	February	
9	2B2C5g2a	Semsi2	Crop Demo.	10	Zaid	Urd	963	Labour work	0.0963	February	
			<b>Total</b>						<b>2.51813</b>		
1	2B2C5g1f	Semsi1	Horti	4	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.8	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5g1f	Semsi1	Crop Demo.	25	Rabi	Wheat	2288	Labour work	0.572	September	Cost except labour
3	2B2C5g1f	Semsi1	Crop Demo.	20	Rabi	Lentil	1406	Labour work	0.2812	September	
4	2B2C5g1f	Semsi1	Crop Demo.	15	Rabi	Mustard	721	Labour work	0.10815	September	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
5	2B2C5g1f	Semsi1	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5g1f	Semsi1	Crop Demo.	16	Kharif	Arhar	688	Labour work	0.11008	May	
7	2B2C5g1f	Semsi1	Crop Demo.	15	Kharif	Til	669	Labour work	0.10035	May	
8	2B2C5g1f	Semsi1	Crop Demo.	10	Zaid	Moong	818	Labour work	0.0818	February	
9	2B2C5g1f	Semsi1	Crop Demo.	10	Zaid	Urd	963	Labour work	0.0963	February	
			<b>Total</b>						<b>2.51813</b>		
1	2B2C5g1e	Bihara4	Crop Demo.	8	Rabi	Wheat	2288	Labour work	0.18304	September	Cost except labour
2	2B2C5g1e	Bihara4	Crop Demo.	4	Rabi	Lentil	1406	Labour work	0.05624	September	
3	2B2C5g1e	Bihara4	Crop Demo.	4	Rabi	Mustard	721	Labour work	0.02884	September	
4	2B2C5g1e	Bihara4	Crop Demo.	8	Kharif	Paddy	1473	Labour work	0.11784	May	Cost including Seed+ Fertilizer + Pesticide
5	2B2C5g1e	Bihara4	Crop Demo.	4	Kharif	Arhar	688	Labour work	0.02752	May	
7	2B2C5g1e	Bihara4	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	February	
8	2B2C5g1e	Bihara4	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	February	
			<b>Total</b>						<b>0.48472</b>		

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
1	2B2C5h1g	Matha Newada1	Horti	4	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.8	Jun	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h1g	Matha Newada1	Crop Demo.	25	Rabi	Wheat	2288	Labour work	0.572	September	Cost except labour
3	2B2C5h1g	Matha Newada1	Crop Demo.	20	Rabi	Lentil	1406	Labour work	0.2812	September	
4	2B2C5h1g	Matha Newada1	Crop Demo.	15	Rabi	Mustard	721	Labour work	0.10815	September	
5	2B2C5h1g	Matha Newada1	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h1g	Matha Newada1	Crop Demo.	16	Kharif	Arhar	688	Labour work	0.11008	May	
7	2B2C5h1g	Matha Newada1	Crop Demo.	15	Kharif	Til	669	Labour work	0.10035	May	
8	2B2C5h1g	Matha Newada1	Crop Demo.	10	Zaid	Moong	818	Labour work	0.0818	February	
9	2B2C5h1g	Matha Newada1	Crop Demo.	10	Zaid	Urd	963	Labour work	0.0963	February	
			<b>Total</b>						<b>2.51813</b>		
1	2B2C5h1c	Sunba1	Horti	2	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.4	June	Rs. 20000/- 0.25 ha (Plantaion)

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
2	2B2C5h1c	Sunba1	Crop Demo.	25	Rabi	Wheat	2288	Labour work	0.572	September	Cost except labour
3	2B2C5h1c	Sunba1	Crop Demo.	15	Rabi	Lentil	1406	Labour work	0.2109	September	
4	2B2C5h1c	Sunba1	Crop Demo.	15	Rabi	Mustard	721	Labour work	0.10815	September	
5	2B2C5h1c	Sunba1	Crop Demo.	25	Kharif	Paddy	1473	Labour work	0.36825	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h1c	Sunba1	Crop Demo.	15	Kharif	Arhar	688	Labour work	0.1032	May	
7	2B2C5h1c	Sunba1	Crop Demo.	15	Kharif	Til	669	Labour work	0.10035	May	
8	2B2C5h1c	Sunba1	Crop Demo.	10	Zaid	Moong	818	Labour work	0.0818	Februrary	
9	2B2C5h1c	Sunba1	Crop Demo.	10	Zaid	Urd	963	Labour work	0.0963	Februrary	
			<b>Total</b>						<b>2.04095</b>		
1	2B2C5h1b	Kasari2	Horti	1	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.2	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h1b	Kasari2	Crop Demo.	15	Rabi	Wheat	2288	Labour work	0.3432	September	Cost except labour
3	2B2C5h1b	Kasari2	Crop Demo.	10	Rabi	Lentil	1406	Labour work	0.1406	September	
4	2B2C5h1b	Kasari2	Crop Demo.	8	Rabi	Mustard	721	Labour work	0.05768	September	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
5	2B2C5h1b	Kasari2	Crop Demo.	10	Kharif	Paddy	1473	Labour work	0.1473	May	Cost
6	2B2C5h1b	Kasari2	Crop Demo.	8	Kharif	Arhar	688	Labour work	0.05504	May	including
7	2B2C5h1b	Kasari2	Crop Demo.	8	Kharif	Til	669	Labour work	0.05352	May	Seed+ Fertilizer + Pesticide
8	2B2C5h1b	Kasari2	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	February	
9	2B2C5h1b	Kasari2	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	February	
			<b>Total</b>						<b>1.06858</b>		
1	2B2C5h1b	Kasari2	Horti	1	Plantation	Anola/ Mango/ Banana	20000	Labour work	0.2	June	Rs. 20000/- 0.25 ha (Plantaion)
2	2B2C5h1b	Kasari2	Crop Demo.	16	Rabi	Wheat	2288	Labour work	0.36608	September	Cost except labour
3	2B2C5h1b	Kasari2	Crop Demo.	10	Rabi	Lentil	1406	Labour work	0.1406	September	
4	2B2C5h1b	Kasari2	Crop Demo.	8	Rabi	Mustard	721	Labour work	0.05768	September	

S.No	MWs Code	MWs name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
5	2B2C5h1b	Kasari2	Crop Demo.	16	Kharif	Paddy	1473	Labour work	0.23568	May	Cost including Seed+ Fertilizer + Pesticide
6	2B2C5h1b	Kasari2	Crop Demo.	8	Kharif	Arhar	688	Labour work	0.05504	May	
7	2B2C5h1b	Kasari2	Crop Demo.	8	Kharif	Til	669	Labour work	0.05352	May	
8	2B2C5h1b	Kasari2	Crop Demo.	4	Zaid	Moong	818	Labour work	0.03272	Februrary	
9	2B2C5h1b	Kasari2	Crop Demo.	4	Zaid	Urd	963	Labour work	0.03852	Februrary	
			<b>Total</b>						<b>1.17984</b>		

**Table 5.6: Seed Distribution details:****Amount (Rs) in lacs.**

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5g1d	Bihara3	Rabi	Wheat	6	25	30	22500	labour work	0.05	September	Foundation
2	2B2C5g1d	Bihara3	Rabi	Mustard	2	2	45	1800	labour work	0.00	September	seed
3	2B2C5g1d	Bihara3	Rabi	Lentil	2	15	72	21600	labour work	0.02	September	
4	2B2C5g1d	Bihara3	Rabi	Veg. Pea	2	15	65	14625	labour work	0.02	September	
5	2B2C5g1d	Bihara3	Kharif	Paddy	8	10	20	6000	labour work	0.02	May	
6	2B2C5g1d	Bihara3	Kharif	Arhar	2	5	60	4500	labour work	0.01	May	
7	2B2C5g1d	Bihara3	Kharif	Jowar	2	10	45	6750	labour work	0.01	May	
8	2B2C5g1d	Bihara3	Kharif	Til	3	2	105	3150	labour work	0.01	May	
9	2B2C5g1d	Bihara3	Zaid	Urd	2	10	70	10500	labour work	0.01	February	
10	2B2C5g1d	Bihara3	Zaid	Moong	2	10	70	10500	labour work	0.01	February	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h2d	Bhawanipur	Rabi	Wheat	25	25	30	22500	labour work	0.19	September	Foundation
2	2B2C5h2d	Bhawanipur	Rabi	Mustard	12	2	45	1800	labour work	0.01	September	seed
3	2B2C5h2d	Bhawanipur	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5h2d	Bhawanipur	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5h2d	Bhawanipur	Kharif	Paddy	25	10	20	6000	labour work	0.05	May	

6	2B2C5h2d	Bhawanipur	Kharif	Arhar	8	5	60	4500	labour work	0.02	May	
7	2B2C5h2d	Bhawanipur	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5h2d	Bhawanipur	Kharif	Til	4	2	105	3150	labour work	0.01	May	
9	2B2C5h2d	Bhawanipur	Zaid	Urd	4	10	70	10500	labour work	0.03	Februrary	
10	2B2C5h2d	Bhawanipur	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h2c	Matha Newada2	Rabi	Wheat	30	30	30	22500	labour work	0.27	September	Foundation
2	2B2C5h2c	Matha Newada2	Rabi	Mustard	17	2	45	1800	labour work	0.02	September	seed
3	2B2C5h2c	Matha Newada2	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5h2c	Matha Newada2	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5h2c	Matha Newada2	Kharif	Paddy	27	12	20	6000	labour work	0.06	May	
6	2B2C5h2c	Matha Newada2	Kharif	Arhar	10	5	60	4500	labour work	0.03	May	
7	2B2C5h2c	Matha Newada2	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5h2c	Matha Newada2	Kharif	Til	4	2	105	3150	labour work	0.01	May	
9	2B2C5h2c	Matha Newada2	Zaid	Urd	4	10	70	10500	labour work	0.03	Februrary	
10	2B2C5h2c	Matha Newada2	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h2b	Ganeshpur2	Rabi	Wheat	12	30	30	22500	labour work	0.11	September	Foundation
2	2B2C5h2b	Ganeshpur2	Rabi	Mustard	8	2	45	1800	labour work	0.01	September	seed
3	2B2C5h2b	Ganeshpur2	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5h2b	Ganeshpur2	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5h2b	Ganeshpur2	Kharif	Paddy	8	12	20	6000	labour work	0.02	May	
6	2B2C5h2b	Ganeshpur2	Kharif	Arhar	5	5	60	4500	labour work	0.02	May	
7	2B2C5h2b	Ganeshpur2	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5h2b	Ganeshpur2	Kharif	Til	3	2	105	3150	labour work	0.01	May	
9	2B2C5h2b	Ganeshpur2	Zaid	Urd	4	10	70	10500	labour work	0.03	February	
10	2B2C5h2b	Ganeshpur2	Zaid	Moong	4	10	70	10500	labour work	0.03	February	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h2a	Ganeshpur1	Rabi	Wheat	47	30	30	22500	labour work	0.42	September	Foundation
2	2B2C5h2a	Ganeshpur1	Rabi	Mustard	25	2	45	1800	labour work	0.02	September	seed
3	2B2C5h2a	Ganeshpur1	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5h2a	Ganeshpur1	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5h2a	Ganeshpur1	Kharif	Paddy	40	12	20	6000	labour work	0.10	May	

6	2B2C5h2a	Ganeshpur1	Kharif	Arhar	20	5	60	4500	labour work	0.06	May	
7	2B2C5h2a	Ganeshpur1	Kharif	Jowar	6	10	45	6750	labour work	0.03	May	
8	2B2C5h2a	Ganeshpur1	Kharif	Til	5	2	105	3150	labour work	0.01	May	
9	2B2C5h2a	Ganeshpur1	Zaid	Urd	8	10	70	10500	labour work	0.06	Februrary	
10	2B2C5h2a	Ganeshpur1	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h1d	Sunba2	Rabi	Wheat	6	30	30	22500	labour work	0.05	September	Foundation seed
2	2B2C5h1d	Sunba2	Rabi	Mustard	2	2	45	1800	labour work	0.00	September	
3	2B2C5h1d	Sunba2	Rabi	Lentil	2	15	72	21600	labour work	0.02	September	
4	2B2C5h1d	Sunba2	Rabi	Veg. Pea	2	15	65	14625	labour work	0.02	September	
5	2B2C5h1d	Sunba2	Kharif	Paddy	7	12	20	6000	labour work	0.02	May	
6	2B2C5h1d	Sunba2	Kharif	Arhar	2	5	60	4500	labour work	0.01	May	
7	2B2C5h1d	Sunba2	Kharif	Jowar	2	10	45	6750	labour work	0.01	May	
8	2B2C5h1d	Sunba2	Kharif	Til	3	2	105	3150	labour work	0.01	May	
9	2B2C5h1d	Sunba2	Zaid	Urd	2	10	70	10500	labour work	0.01	Februrary	
10	2B2C5h1d	Sunba2	Zaid	Moong	2	10	70	10500	labour work	0.01	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h1e	Semsi4	Rabi	Wheat	38	30	30	22500	labour work	0.34	September	Foundation seed
2	2B2C5h1e	Semsi4	Rabi	Mustard	19	2	45	1800	labour work	0.02	September	
3	2B2C5h1e	Semsi4	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5h1e	Semsi4	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5h1e	Semsi4	Kharif	Paddy	32	12	20	6000	labour work	0.08	May	
6	2B2C5h1e	Semsi4	Kharif	Arhar	15	5	60	4500	labour work	0.05	May	
7	2B2C5h1e	Semsi4	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5h1e	Semsi4	Kharif	Til	4	2	105	3150	labour work	0.01	May	
9	2B2C5h1e	Semsi4	Zaid	Urd	6	10	70	10500	labour work	0.04	February	
10	2B2C5h1e	Semsi4	Zaid	Moong	4	10	70	10500	labour work	0.03	February	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5g2b	Semsi3	Rabi	Wheat	80	30	30	22500	labour work	0.72	September	Foundation seed
2	2B2C5g2b	Semsi3	Rabi	Mustard	55	2	45	1800	labour work	0.05	September	
3	2B2C5g2b	Semsi3	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5g2b	Semsi3	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5g2b	Semsi3	Kharif	Paddy	70	12	20	6000	labour work	0.17	May	

6	2B2C5g2b	Semsi3	Kharif	Arhar	45	5	60	4500	labour work	0.14	May	
7	2B2C5g2b	Semsi3	Kharif	Jowar	8	10	45	6750	labour work	0.04	May	
8	2B2C5g2b	Semsi3	Kharif	Til	6	2	105	3150	labour work	0.01	May	
9	2B2C5g2b	Semsi3	Zaid	Urd	12	10	70	10500	labour work	0.08	Februrary	
10	2B2C5g2b	Semsi3	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5g1b	Bihara1	Rabi	Wheat	65	30	30	22500	labour work	0.59	September	Foundation seed
2	2B2C5g1b	Bihara1	Rabi	Mustard	40	2	45	1800	labour work	0.04	September	
3	2B2C5g1b	Bihara1	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5g1b	Bihara1	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5g1b	Bihara1	Kharif	Paddy	45	12	20	6000	labour work	0.11	May	
6	2B2C5g1b	Bihara1	Kharif	Arhar	30	5	60	4500	labour work	0.09	May	
7	2B2C5g1b	Bihara1	Kharif	Jowar	6	10	45	6750	labour work	0.03	May	
8	2B2C5g1b	Bihara1	Kharif	Til	6	2	105	3150	labour work	0.01	May	
9	2B2C5g1b	Bihara1	Zaid	Urd	9	10	70	10500	labour work	0.06	Februrary	
10	2B2C5g1b	Bihara1	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5g1c	Bihara2	Rabi	Wheat	11	30	30	22500	labour work	0.10	September	Foundation seed
2	2B2C5g1c	Bihara2	Rabi	Mustard	8	2	45	1800	labour work	0.01	September	
3	2B2C5g1c	Bihara2	Rabi	Lentil	2	15	72	21600	labour work	0.02	September	
4	2B2C5g1c	Bihara2	Rabi	Veg. Pea	2	15	65	14625	labour work	0.02	September	
5	2B2C5g1c	Bihara2	Kharif	Paddy	9	12	20	6000	labour work	0.02	May	
6	2B2C5g1c	Bihara2	Kharif	Arhar	5	5	60	4500	labour work	0.02	May	
7	2B2C5g1c	Bihara2	Kharif	Jowar	3	10	45	6750	labour work	0.01	May	
8	2B2C5g1c	Bihara2	Kharif	Til	3	2	105	3150	labour work	0.01	May	
9	2B2C5g1c	Bihara2	Zaid	Urd	4	10	70	10500	labour work	0.03	February	
10	2B2C5g1c	Bihara2	Zaid	Moong	4	10	70	10500	labour work	0.03	February	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5g2a	Semsi2	Rabi	Wheat	45	30	30	22500	labour work	0.41	September	Foundation seed
2	2B2C5g2a	Semsi2	Rabi	Mustard	19	2	45	1800	labour work	0.02	September	
3	2B2C5g2a	Semsi2	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5g2a	Semsi2	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5g2a	Semsi2	Kharif	Paddy	40	12	20	6000	labour work	0.10	May	

6	2B2C5g2a	Semsi2	Kharif	Arhar	17	5	60	4500	labour work	0.05	May	
7	2B2C5g2a	Semsi2	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5g2a	Semsi2	Kharif	Til	4	2	105	3150	labour work	0.01	May	
9	2B2C5g2a	Semsi2	Zaid	Urd	6	10	70	10500	labour work	0.04	Februrary	
10	2B2C5g2a	Semsi2	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5g1f	Semsi1	Rabi	Wheat	25	30	30	22500	labour work	0.23	September	Foundation seed
2	2B2C5g1f	Semsi1	Rabi	Mustard	14	2	45	1800	labour work	0.01	September	
3	2B2C5g1f	Semsi1	Rabi	Lentil	3	15	72	21600	labour work	0.03	September	
4	2B2C5g1f	Semsi1	Rabi	Veg. Pea	3	15	65	14625	labour work	0.03	September	
5	2B2C5g1f	Semsi1	Kharif	Paddy	20	12	20	6000	labour work	0.05	May	
6	2B2C5g1f	Semsi1	Kharif	Arhar	12	5	60	4500	labour work	0.04	May	
7	2B2C5g1f	Semsi1	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5g1f	Semsi1	Kharif	Til	4	2	105	3150	labour work	0.01	May	
9	2B2C5g1f	Semsi1	Zaid	Urd	4	10	70	10500	labour work	0.03	Februrary	
10	2B2C5g1f	Semsi1	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5g1e	Bihara4	Rabi	Wheat	4	30	30	22500	labour work	0.04	September	Foundation seed
2	2B2C5g1e	Bihara4	Rabi	Mustard	1	2	45	1800	labour work	0.00	September	
3	2B2C5g1e	Bihara4	Rabi	Lentil	1	15	72	21600	labour work	0.01	September	
4	2B2C5g1e	Bihara4	Rabi	Veg. Pea	1	15	65	14625	labour work	0.01	September	
5	2B2C5g1e	Bihara4	Kharif	Paddy	2	12	20	6000	labour work	0.00	May	
6	2B2C5g1e	Bihara4	Kharif	Arhar	1	5	60	4500	labour work	0.00	May	
7	2B2C5g1e	Bihara4	Kharif	Jowar	0	10	45	6750	labour work	0.00	May	
8	2B2C5g1e	Bihara4	Kharif	Til	1	2	105	3150	labour work	0.00	May	
9	2B2C5g1e	Bihara4	Zaid	Urd	1	10	70	10500	labour work	0.01	February	
10	2B2C5g1e	Bihara4	Zaid	Moong	1	10	70	10500	labour work	0.01	February	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h1g	Matha Newada1	Rabi	Wheat	38	30	30	22500	labour work	0.34	September	Foundation seed
2	2B2C5h1g	Matha Newada1	Rabi	Mustard	19	2	45	1800	labour work	0.02	September	
3	2B2C5h1g	Matha Newada1	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5h1g	Matha Newada1	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5h1g	Matha Newada1	Kharif	Paddy	32	12	20	6000	labour work	0.08	May	

6	2B2C5h1g	Matha Newada1	Kharif	Arhar	15	5	60	4500	labour work	0.05	May	
7	2B2C5h1g	Matha Newada1	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5h1g	Matha Newada1	Kharif	Til	4	2	105	3150	labour work	0.01	May	
9	2B2C5h1g	Matha Newada1	Zaid	Urd	6	10	70	10500	labour work	0.04	Februrary	
10	2B2C5h1g	Matha Newada1	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h1c	Sunba1	Rabi	Wheat	16	30	30	22500	labour work	0.14	September	Foundation seed
2	2B2C5h1c	Sunba1	Rabi	Mustard	8	2	45	1800	labour work	0.01	September	
3	2B2C5h1c	Sunba1	Rabi	Lentil	4	15	72	21600	labour work	0.04	September	
4	2B2C5h1c	Sunba1	Rabi	Veg. Pea	4	15	65	14625	labour work	0.04	September	
5	2B2C5h1c	Sunba1	Kharif	Paddy	12	12	20	6000	labour work	0.03	May	
6	2B2C5h1c	Sunba1	Kharif	Arhar	6	5	60	4500	labour work	0.02	May	
7	2B2C5h1c	Sunba1	Kharif	Jowar	4	10	45	6750	labour work	0.02	May	
8	2B2C5h1c	Sunba1	Kharif	Til	3	2	105	3150	labour work	0.01	May	
9	2B2C5h1c	Sunba1	Zaid	Urd	4	10	70	10500	labour work	0.03	Februrary	
10	2B2C5h1c	Sunba1	Zaid	Moong	4	10	70	10500	labour work	0.03	Februrary	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2B2C5h1b	Kasari2	Rabi	Wheat	10	30	30	22500	labour work	0.09	September	Foundation seed
2	2B2C5h1b	Kasari2	Rabi	Mustard	2	2	45	1800	labour work	0.00	September	
3	2B2C5h1b	Kasari2	Rabi	Lentil	2	15	72	21600	labour work	0.02	September	
4	2B2C5h1b	Kasari2	Rabi	Veg. Pea	2	15	65	14625	labour work	0.02	September	
5	2B2C5h1b	Kasari2	Kharif	Paddy	8	12	20	6000	labour work	0.02	May	
6	2B2C5h1b	Kasari2	Kharif	Arhar	2	5	60	4500	labour work	0.01	May	
7	2B2C5h1b	Kasari2	Kharif	Jowar	2	10	45	6750	labour work	0.01	May	
8	2B2C5h1b	Kasari2	Kharif	Til	3	2	105	3150	labour work	0.01	May	
9	2B2C5h1b	Kasari2	Zaid	Urd	2	10	70	10500	labour work	0.01	February	
10	2B2C5h1b	Kasari2	Zaid	Moong	2	10	70	10500	labour work	0.01	February	

S. No	MWS Code	MWS name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Beneficiary share	Release Amt. from Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	2b2C5h1a	Kasari1	Rabi	Wheat	8	30	30	22500	labour work	0.07	September	Foundation seed
2	2b2C5h1a	Kasari1	Rabi	Mustard	2	2	45	1800	labour work	0.00	September	
3	2b2C5h1a	Kasari1	Rabi	Lentil	2	15	72	21600	labour work	0.02	September	
4	2b2C5h1a	Kasari1	Rabi	Veg. Pea	2	15	65	14625	labour work	0.02	September	
5	2b2C5h1a	Kasari1	Kharif	Paddy	7	12	20	6000	labour work	0.02	May	

6	2b2C5h1a	Kasari1	Kharif	Arhar	2	5	60	4500	labour work	0.01	May	
7	2b2C5h1a	Kasari1	Kharif	Jowar	2	10	45	6750	labour work	0.01	May	
8	2b2C5h1a	Kasari1	Kharif	Til	3	2	105	3150	labour work	0.01	May	
9	2b2C5h1a	Kasari1	Zaid	Urd	2	10	70	10500	labour work	0.01	Februrary	
10	2b2C5h1a	Kasari1	Zaid	Moong	2	10	70	10500	labour work	0.01	Februrary	

- Note: Details of the identified farmers for seed production are given in project file.

**Table 5.7: Production system based Micro Enterprise**

Amt. in Lacs Rs.

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs	Rs in lacs	
B2C5g1d	Bihara3	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Micro enterprise	Rice Mini Polisher	0	0.50	0.00	0.00	0.00	October
		Agro Processing	Food Preservation/ Processing	1	0.35	0.35	0.18	0.18	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	1	0.50	0.50	0.25	0.25	June
		Animal Husbandry	AI KIT ( Paravet)	0	0.50	0.00	0.00	0.00	June
2B2C5h2d	Bhawanipur	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs	Rs in lacs	
		Agro Processing	Food Preservation/ Processing	0	0.35	0.00	0.00	0.00	January
		Animal Husbandry	Murrah (He Bufaleo)/ Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5h2c	Matha Newada2	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Micro enterprise	Rice Mini Polisher	1	0.50	0.50	0.25	0.25	October
		Agro Processing	Food Preservation/ Processing	2	0.35	0.70	0.35	0.35	January
		Animal Husbandry	Murrah (He Bufaleo)/ Jarsi (Bull)	4	0.50	2.00	1.00	1.00	June
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5h2b	Ganeshpur2	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs	Rs in lacs	
		Micro enterprise	Rice Mini Polisher	0	0.50	0.00	0.00	0.00	October
		Agro Processing	Food Preservation/ Processing	1	0.35	0.35	0.18	0.18	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5h2a	Ganeshpur1	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Agro Processing	Food Preservation/ Processing	4	0.35	1.40	0.70	0.70	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs	Rs in lacs	
		Animal Husbandry	AI KIT (Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C6a1d	Sunba2	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Micro enterprise	Rice Mini Polisher	0	0.50	0.00	0.00	0.00	October
		Agro Processing	Food Preservation/Processing	0	0.35	0.00	0.00	0.00	January
		Animal Husbandry	Murrah (He Bufoleo)/Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June
		Animal Husbandry	AI KIT (Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5h1e	Semsi4	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Agro Processing	Food Preservation/Processing	3	0.35	1.05	0.53	0.53	January
		Animal Husbandry	Murrah (He Bufoleo)/Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs	Rs in lacs	
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5g2b	Sems3	Micro enterprise	Oil Spellerar	1	0.45	0.45	0.23	0.23	December
		Agro Processing	Food Preservation/ Processing	4	0.35	1.40	0.70	0.70	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	4	0.50	2.00	1.00	1.00	June
		Animal Husbandry	AI KIT ( Paravet)	2	0.50	1.00	0.50	0.50	June
2B2C5g1b	Bihara1	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Agro Processing	Food Preservation/ Processing	2	0.35	0.70	0.35	0.35	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June
		Animal Husbandry	AI KIT ( Paravet)	2	0.50	1.00	0.50	0.50	June
2B2C5g1c	Bihara2	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs	Rs in lacs	
		Agro Processing	Food Preservation/ Processing	1	0.35	0.35	0.18	0.18	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	1	0.50	0.50	0.25	0.25	June
2B2C5g2a	Sems2	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Agro Processing	Food Preservation/ Processing	4	0.35	1.40	0.70	0.70	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5g1f	Sems1	Micro enterprise	Oil Spellerar	1	0.45	0.45	0.23	0.23	December
		Agro Processing	Food Preservation/ Processing	2	0.35	0.70	0.35	0.35	January
		Animal Husbandry	Murrah (He Bufoleo)/ Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs	Rs in lacs	
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5g1e	Bihara4	Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5h1g	Matha Newada1	Micro enterprise	Oil Spellerar	0	0.45	0.00	0.00	0.00	December
		Agro Processing	Food Preservation/ Processing	4	0.35	1.40	0.70	0.70	January
		Animal Husbandry	Murrah (He Bufeleo)/ Jarsi (Bull)	2	0.50	1.00	0.50	0.50	June
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5h1c	Sunba1	Agro Processing	Food Preservation/ Processing	4	0.35	1.40	0.70	0.70	January
		Animal Husbandry	AI KIT ( Paravet)	1	0.50	0.50	0.25	0.25	June
2B2C5h1b	Kasari2	Animal Husbandry	AI KIT ( Paravet)	2	0.50	1.00	0.50	0.50	June

MWs Code	MWs name	Activity Proposed	Name of work	Beneficiaries	Rate	Cost of Activity	Beneficiary share	Release Amt. from Project Fund	Proposed date for Activity (start)
Unit				Nos	Rs in lacs	Rs in lacs	Rs in lacs		
2b2C5h1a	Kasari1	Animal Husbandry	AI KIT ( Paravet)	2	0.50	1.00	0.50	0.50	June
	Total			82		36.10	18.05	18.05	

Note: Details of the identified beneficiaries are given in project file.

#### Gram Panchayatwise Budget of Livelihood & Production System

Amt. in Lacs Rs.

S.No.	Gram Panchayat	Treat Area (ha)	Livelihood(9%)	Production System(10%)
1	Sunba	797.00	8.6076	9.56
2	Semsi	1282.00	13.8400	15.38
3	Ter	590.00	6.3720	7.08
4	Matha Newada	305.00	3.2940	3.66
5	Bhawanipur	359.00	3.8772	4.31
6	Chandramau Manga	142.00	1.5336	1.70
7	Bihara	441.00	4.7628	5.29
8	Ganeshpur	657.00	7.0956	7.88
9	Kasari	421.00	4.5468	5.05
	Total	4994.00	53.93	59.93

## CHAPTER-6

### CAPACITY BUILDING PLAN

The capacity building of various stake holders will be given very high priority as the watershed is to be developed in participatory mode. Capacity building initiative plays very important role in human resource development of watershed.

**Table 6.1: List of identified training institutes for capacity building**

Sl.No.	Name of Training institute	Address	Designation of the Head of institute	Type of Institute	Area(s) of specialization	No. of training assigned	No. of persons to be trained	Allocation to be made to the institute
1	2	3	4	5	6	7	8	9
1	SIRD	Bakshi ka Talab, Lucknow	Director General	State level	Soil & Watershed Management, Production	--	20	Bakshi ka Talab, Lucknow
2	KVK/ Agri. University	Beli Kala Bhoomi Vikas Avam Jal Sansadhan Prashikshan Sansthan	Dy. Director	District level	System, Livelihood, Animal Husbandry etc.	49	1820	At village level
3	Other Institutes identified by SLNA							

**Table 6.2: Training to stakeholders on participatory watershed management**

<b>Sl. No.</b>	<b>Client Group</b>	<b>Title of the program / duration / time</b>	<b>objectives</b>	<b>Coverage / Topics</b>	<b>Training methodology</b>	<b>Training institutions</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>8</b>
1	WDT	IWMP/ 1-8 days / 10:00am – 5:00 pm	Training	Livelihood (Dairy, poultry, piggeries, bee keeping, food processing, knitting & enterprises	Skill development	SIRD/DIRD
2	WC					
3	SHG					
4	UG					

**Table 6.3: Capacity Building Annual Action Plan****(Amt. in lacs Rs.)**

S. N o	Stake hold ers	Total no of person s/ memb ers	Physical & Financial Planning														Total			Rema rks	
			1st year			II <sup>nd</sup> year			III <sup>rd</sup> year			IV <sup>th</sup> year			V <sup>th</sup> year			No. of Particip ant	No. of Trgs ./ day s	Amt .	
			No. of Participant	No. of Trgs ./ day s	Amt.	No. of Participant	No. of Trgs ./ day s	Amt.	No. of Participant	No. of Trgs ./ day s	Amt.	No. of Participant	No. of Trgs ./ day s	Amt.	No. of Participant	No. of Trgs ./ day s	Amt.				
	SLNA	--	--	--	0.36	--	0.72	--	0.27	--	0.27	--	0.18	--	0.18	--	1.80				
	WCD	--	--	--	1.0	--	2.1	--	0.8	--	0.8	--	0.5	--	0.5	--	5.3				

	<b>C</b>				<b>8</b>			<b>6</b>			<b>1</b>		<b>1</b>			<b>4</b>			<b>9</b>		
1	PIA	20	20	5	0.7 5	20	2	0.3 0	20	1	0.1 5	20	1	0.1 5	20	2	0.3 0	100	11	1.6 5	--
2	WDT	4	4	5	0.1 5	4	4	0.1 2	4	2	0.0 6	4	2	0.0 6	4	2	0.0 6	20	15	0.4 5	--
3	WC	90	90	5	2.2 5	90	6	2.7 0	18	4	0.3 6	18	4	0.3 6	18	4	0.3 6	234	23	6.0 3	--
4	SHG	209	0	0	0.0 0	100	4	1.6 0	100	5	2.0 0	60	8	1.9 2	50	5	1.0 0	310	22	6.5 2	--
5	UG	663	0	0	0.0 0	275	4	4.4 0	105	2	0.8 4	115	2	0.9 2	70	2	0.5 6	565	10	6.7 2	--
6	Others specify	555	555	1	1.3 9	0	0	0.0 0	0	0	0.0 0	0	0	0.0 0	0	0	0.0 0	555	1	1.3 9	--
	<b>Total</b>	<b>1541</b>	<b>669</b>	<b>16</b>	<b>5.9 8</b>	<b>489</b>	<b>20</b>	<b>12. 00</b>	<b>247</b>	<b>14</b>	<b>4.4 9</b>	<b>217</b>	<b>17</b>	<b>4.4 9</b>	<b>162</b>	<b>15</b>	<b>3.0 0</b>	<b>1784</b>	<b>82</b>	<b>29. 95</b>	--

## CHAPTER-7

### PHASING OF PROGRAMME AND BUDGETING

#### **7.1 Monitoring and Evaluation:**

Monitoring of the project will be done at each stage and dit will be carried out for both process and outcome. Some community members will be trained and will be involved in participatory monitoring of various parameters and processes and the crop yields. The intervention, expenditure and other information will be displayed in the micro watershed through wall writing, besides trained community members, PIA/DWDU will also monitor the physical and financial progress of watershed development programme. Frontier technologies viz. GIS and Remote Sensing techniques will be used by the PIA/DWDU for monitoring and evaluation. The PIA shall submit quarterly progress reports (countersigned by President of Watershed Committee (WC) to DWDU for further submission to the SLNA. About 1% of the total budget will be used on this activity.

#### **Plan for Evaluation**

Watershed development activities bring both tangible and intangible benefits. In order to quantity the benefits, impact analysis has been proposed.

#### **Theme**

It is presumed that as a consequence of watershed development acitivities there will be noticeable change in socio-economic status of inhabitants, cropping intensity, ground water recharge, crop diversification, fuel and small timber availability, livestock composition and milk production etc. These indicators can be gauged over bench mark data both at the beginning and at the end of the project with in the watershed.

#### **Observation**

The following indicators will be taken into account for quantative and qualative assessment. For the purpose, detailed questionnaires will be prepared and field observation will be carried out.

- Duration of availability of drinking water/irrigation and ground water recharge.
- Irrigation frequency and area under irrigation.

- Changes in cropping pattern and cropping system in the farmers fields alongwith productivity and incomes.
- Soil health.
- Satellite monitoring for vegetation cover and other parameters.
- Livestock composition and productivity.
- Periodic pest and disease monitoring will be done in major crops.
- Socio economic aspects including resource inventory.

## 7.2: Annual Action Plan (AAP)

Physical and financial targets and outlays and year wise breakups are given in Table 7.1.

**Table 7.1: Yearwise financial phasing (Rs. In lacs)**

S.N o.	Item	1st Year		IIInd Year		IIIrd Year		IVth Year		Vth Year		Total	
		(2009- 10)		(2010- 11)		(2011- 12)		(2012- 13)		(2013- 14)			
		Fin.	Phy .	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy. .
1	Administrative 10%	2.9982	-	8.9946	-	16.1902 8	-	16.1902 8	-	15.5906 4	-	59.964	-
2	Monitoring 1%	-	-	1.19928	-	1.19928	-	1.19928	-	2.39856	-	5.9964	-
3	Evaluation 1%	-	-	1.79892	-	1.04937	-	1.04937	-	2.09874	-	5.9964	-
4	Entry Point Activity 4%	23.9856	-	-	-	-	-	-	-	-	-	23.9856	-
5	Institutional and Capacity building 5%	2.9982	-	14.991	-	4.4973	-	4.4973	-	2.9982	-	29.982	-
6	D.P.R Preparation 1%	5.9964	-	-	-	-	-	-	-	-	-	5.9964	-
7	Watershed Dev. Works 56%		-	44.973	669.241 1	95.0729 2	1414.77 6	95.0729 2	1414.77 6	100.679 6	1498.20 8	335.798 4	499 7
8	Livelihood & Income Generating 9%		-	17.9892	-	17.9892	-	17.9892	-	-	-	53.9676	-
9	Production System development 10%	-	-	17.9892	-	23.9856	-	17.9892	-	-	-	59.964	-

S.N o.	Item	1st Year		IIInd Year		IIIrd Year		1Vth Year		Vth Year		Total	
		(2009- 10)		(2010- 11)		(2011- 12)		(2012- 13)		(2013- 14)			
		Fin.	Phy .	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy .
10	Consolidation Phase 3%	-	-	-	-	-	-	-	-	17.9892	-	17.9892	-
	Total	35.9784	-	107.935 2	-	159.984		153.987 6		141.754 9	-	599.64	499 7

**Table 7.2: Details of proposed watershed wise Convergence in the project :**

S.No	Watershed Code	Project Cost		Treatable Area		IWMP Budget		Convergence	
		Lakhs		Ha		Lakhs		Amount	Percent
1	2B2C5g1b	32.64		399		26.81		5.83	21.7
2	2B2C5g1c	9.68		114		7.66		2.02	26.3
3	2B2C5g1d	11.15		131		8.80		2.35	26.7
4	2B2C5g1e	4.68		67		4.50		0.18	3.9
5	2B2C5g1f	32.04		356		23.92		8.12	33.9
6	2B2C5g2a	28.37		389		26.14		2.23	8.5
7	2B2C5g2b	57.84		653		43.88		13.96	31.8
8	2B2C5h1a	11.17		162		10.89		0.29	2.6
9	2B2C5h1b	12.54		151		10.15		2.39	23.6
10	2B2C5h1c	25.69		286		19.22		6.47	33.7
11	2B2C5h1d	14.81		214		14.38		0.43	3.0
12	2B2C5h1e	29.05		344		23.12		5.93	25.7
13	2B2C5h1g	32.54		379		25.47		7.07	27.8
14	2B2C5h2a	30.03		395		26.54		3.49	13.1
15	2B2C5h2b	19.40		255		17.14		2.26	13.2

S.No	Watershed Code	Project Cost	Treatable Area	IWMP Budget	Convergence	
		Lakhs	Ha	Lakhs	Amount	Percent
16	2B2C5h2c	46.31	489	32.86	13.45	40.9
17	2B2C5h2d	16.23	210	14.11	2.12	15.0
	<b>Total</b>	<b>414.17</b>	<b>4994</b>	<b>335.60</b>	<b>78.57</b>	<b>23.4</b>

## **CHAPTER-8**

### **CONSOLIDATION AND WITHDRAWAL STRATEGY**

Success of the programme depends on various watershed interventions and sustainability can only be achieved through active participation of community. It will be on capacity building and empowerment of stakeholders. The WC, SHGs, UGs etc. will be established, trained and strengthened to continue development after withdrawal of PIA. By building economic activities through CBOs community participation will be sustained. The PR&D approach alongwith demand driven interventions will reduce dependency on subsidies. Contribution from the community will be ensured for the entire activities to develop sense of belongingness and the contribution will be deposited to the account of watershed development fund (WDF). It will also be strengthening through donations from the individuals and institutions and the CBOs will be trained to run watershed as business model on sustainable basis. The tangible economic benefits alongwith empowerment by PIA will empower the CBOs to develop and sustain the watershed activities after withdrawal of the PIA. Community organization will withdraw the money from the WDF to maintain the assets created during the implementation phase.

#### **The consolidation phase will also include:-**

1. To prepare the project completion report.
2. Documentation of success stories.
3. Making films, leaflets, bulletins and the lessons learnt.
4. The expenditure will be done as per the common guidelines for watershed development projects.
5. The completion report will reflect the development on following aspects:-
  - a. Productivity enhancement.
  - b. Nutritional Security.
  - c. Risk minimization (Integrated farming system, water harvesting and protected cultivation, value addition and improved marketing).
  - d. Profitability.
  - e. Livelihood security (skill enhancement capacity building, increased employment in agriculture and allied enterprises, reduction in migration etc.).

## CHAPTER -9

### EXPECTED PROJECT OUTCOME

#### **9.1 Employment Generation and Checking Migration**

Employment has always been a problem in the village. The principal occupations of the people are dry land agriculture, animal husbandry and casual labor work. However, rain fall being very limited and erratic, agriculture suffers, i.e. at best they can take only a single crop, which keeps them partially engaged for about 4 months. Lack of fodder makes animal husbandry very difficult too. So, animal husbandry does not keep them engaged full time. Thus the people mainly depend upon casual labor, either in the village itself or outside it.

The project plans for creation of both wage employment and self employment opportunities. Wage employment would be created by engaging people in watershed physical works like construction of earthen bunds, farm bunds, village pond, plantation, etc. Self employment would be created by providing the people with cash support in the form of direct livelihood activities like agriculture, animal husbandry and enterprise development. It will be help in checking of migration.

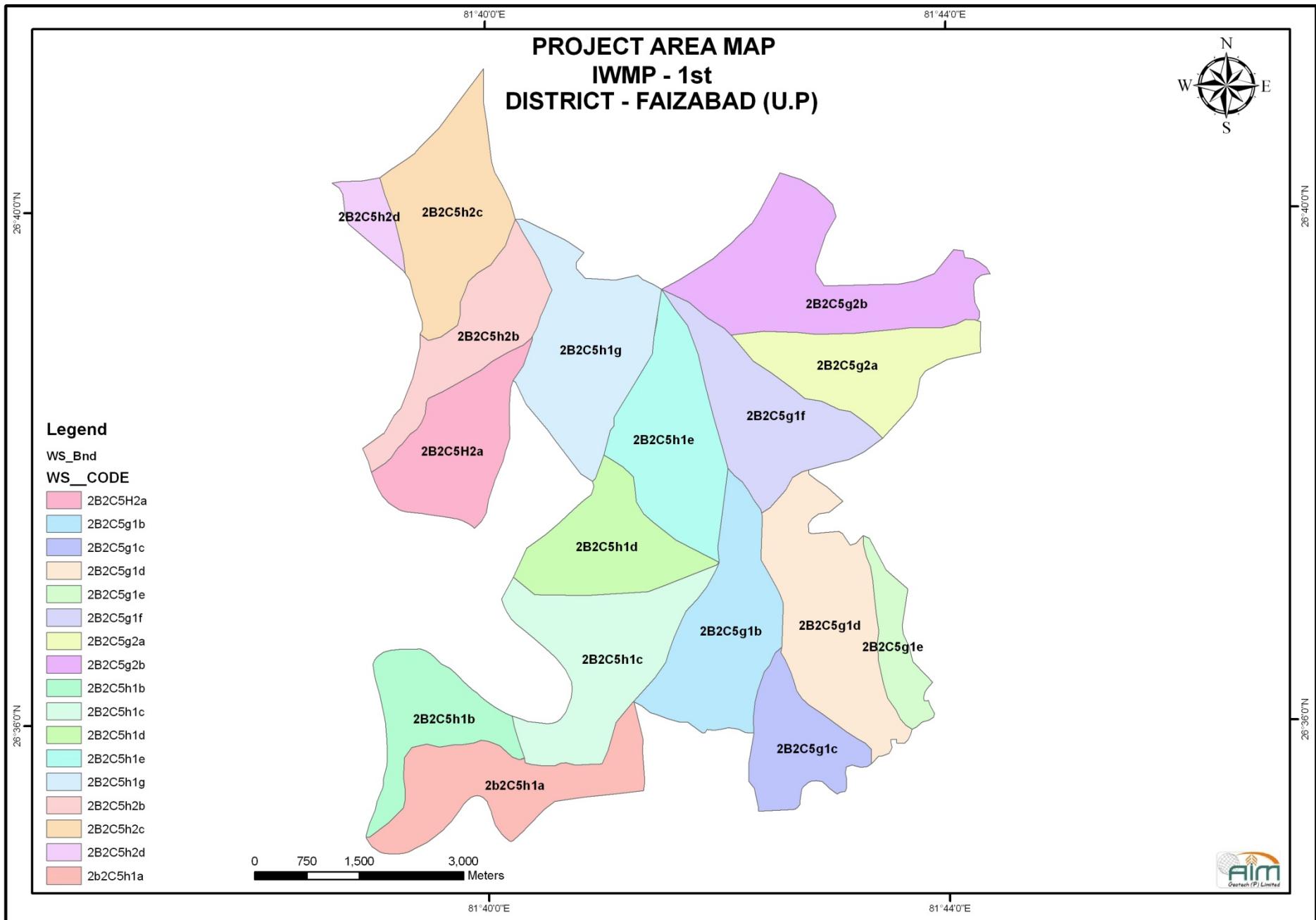
#### **9.2: Other expected outcome**

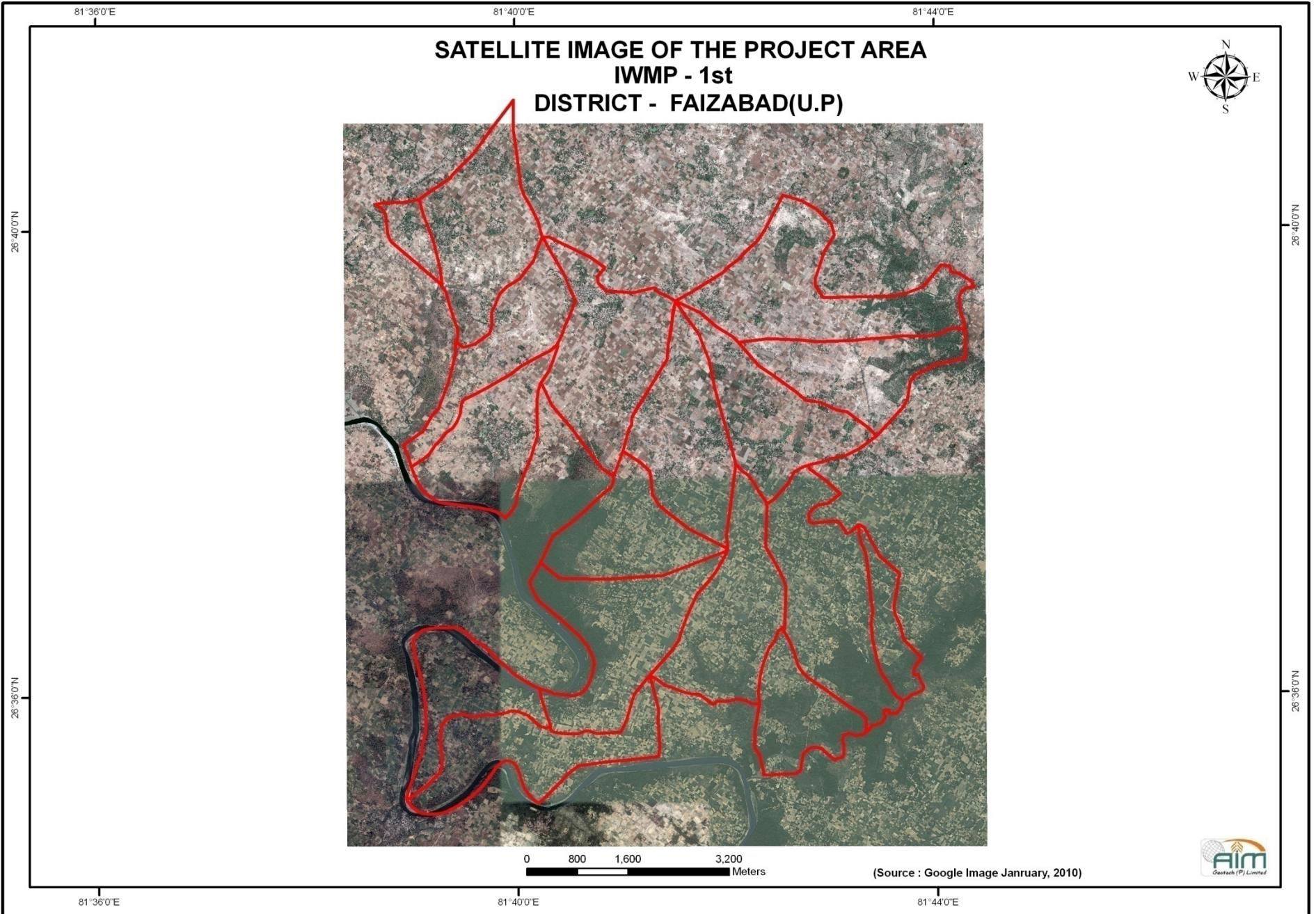
**Table 9.1: Expected Benefits:**

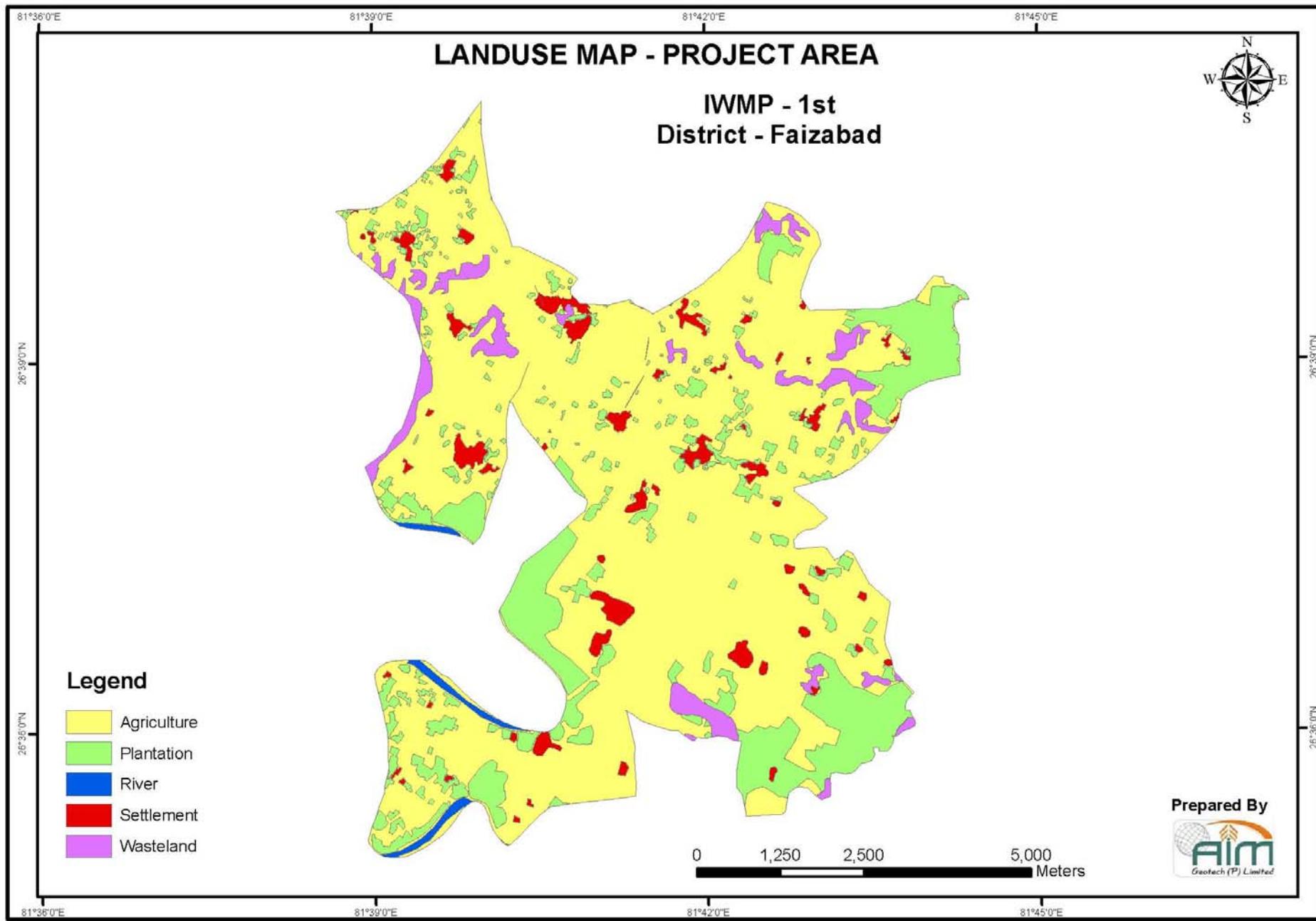
S.No.	Particulars of Items	Unit	Pre Execution	Post Execution
1	Gross Cultivated area	Ha.	6618	+10 to 15%
2	Cropping Intensity	%	117	+11 to 12%
3	<b>Agricultural Production</b>			
a	<b>Food Production</b>	qtls	110522	+11 to 12%
i	Cereals		99375	+11 to 12%
ii	Pulses		10322	+11 to 12%

S.No.	Particulars of Items	Unit	Pre Execution	Post Execution
iii	Oil seed		825	+11 to 12%
b	<b>Fodder production</b>	qtls	11329	+11 to 12%
i	Dry fodder		137930	+11 to 12%
ii	Green fodder		48750	+11 to 12%
c	<b>Fuel production (qtls)</b>	qtls		
i	Arhar + Mustard plants		19650	+7 to 8%
4	Average Income from Agriculture	/Ha	23101	+11 to 12%
5	Milk Production/per year	Liter	1812815	+15 to 20%
6	Irrigated/Rainfed Area	Ha	2168/3450	
7	Additional Area under Agro/Horti/Forestry	Ha	-	+14 ha
8	Employment generation Man days	No	100	+15 to 20%
9	Women Benefitted by SHGs and IGA	No	-	41+
10	Value of land Rs Lacs per ha.	Rs lacs	12-15	+1 to 2
11	Average ground water table BGL	M	10	-1 to -2

# MAPS







# CONTOUR MAP OF THE PROJECT AREA IWMP - 1 DISTRICT - FAIZABAD (UP)



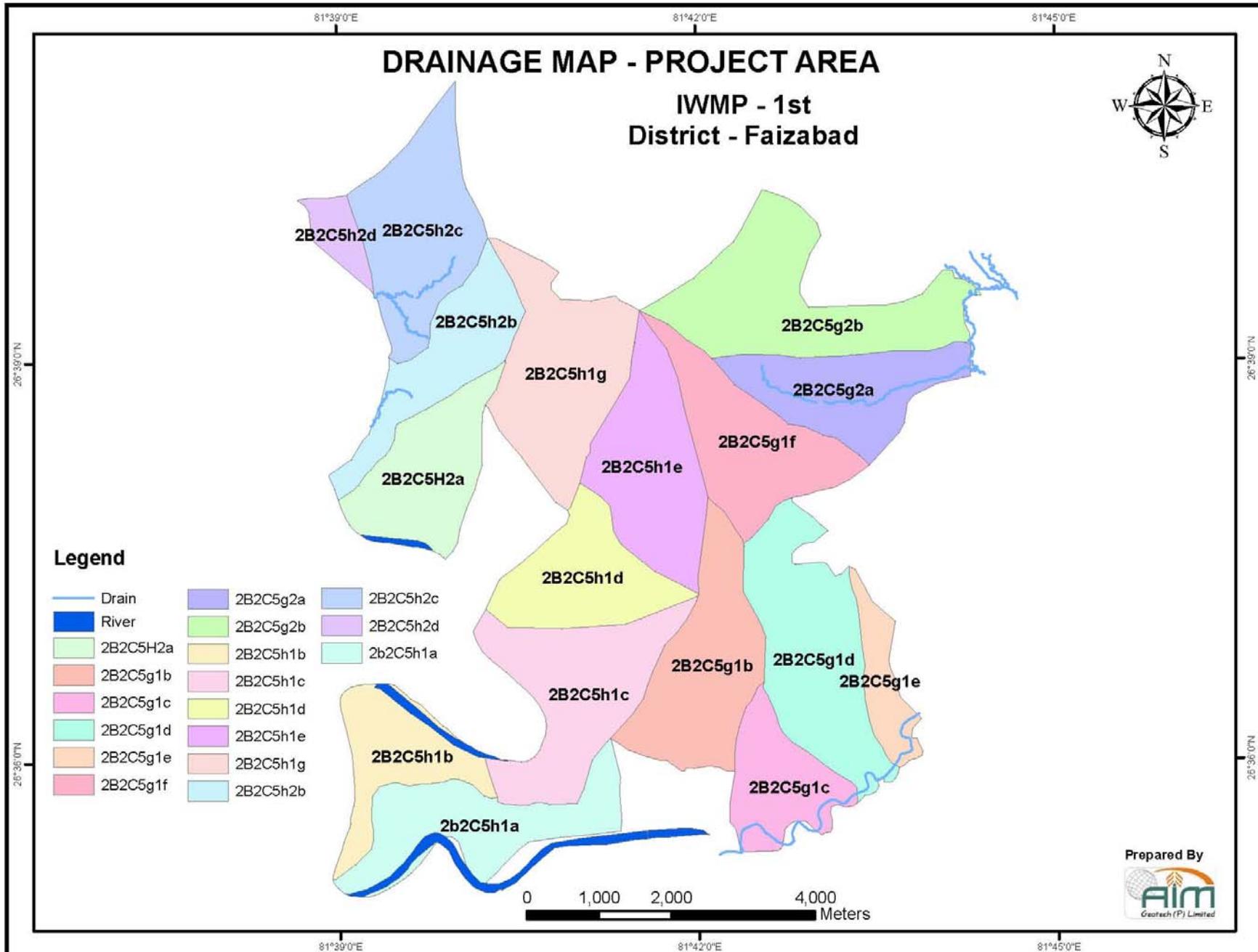
## Legend

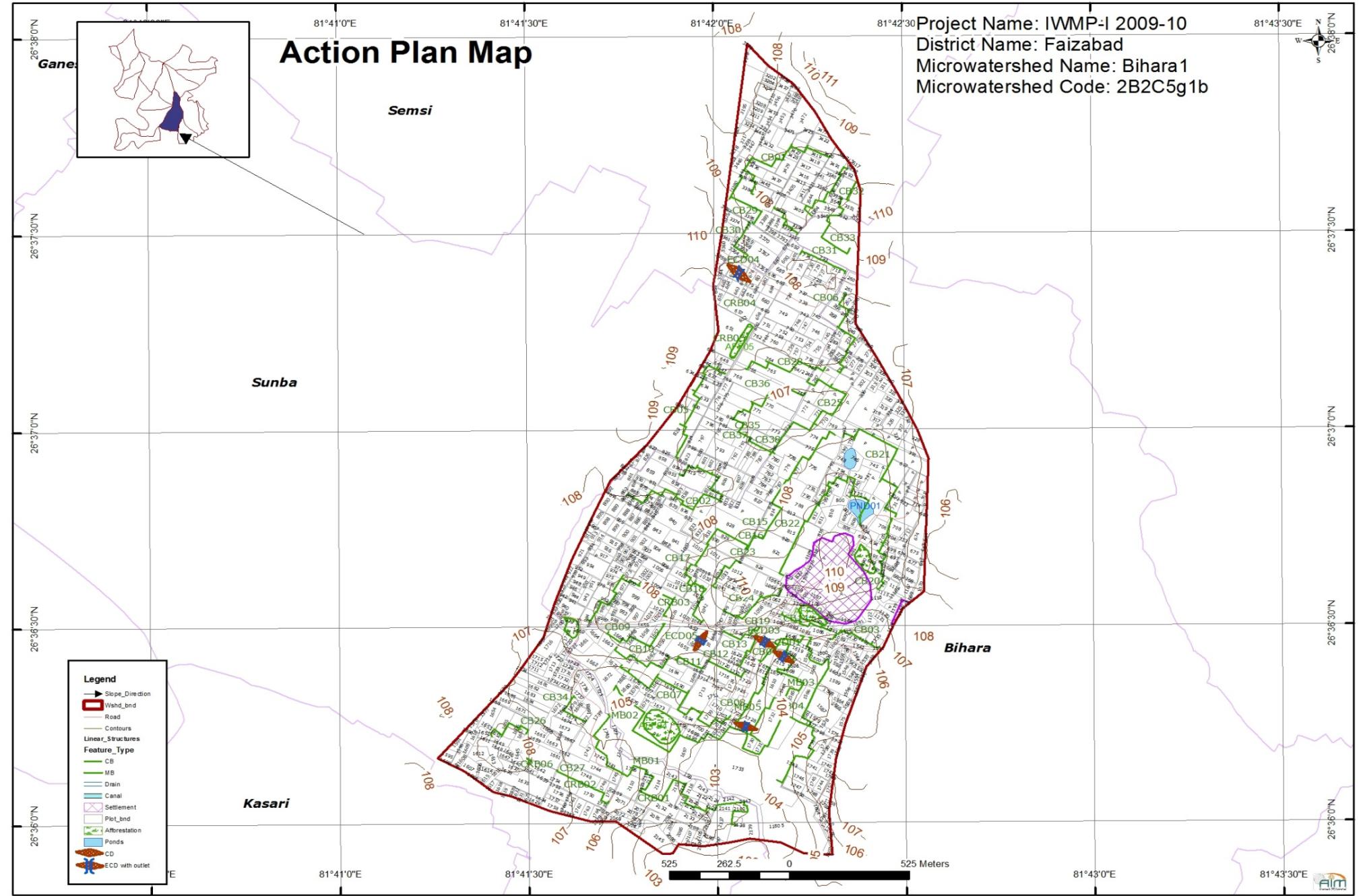
- WaterShed Boundary
- Contours\_1M

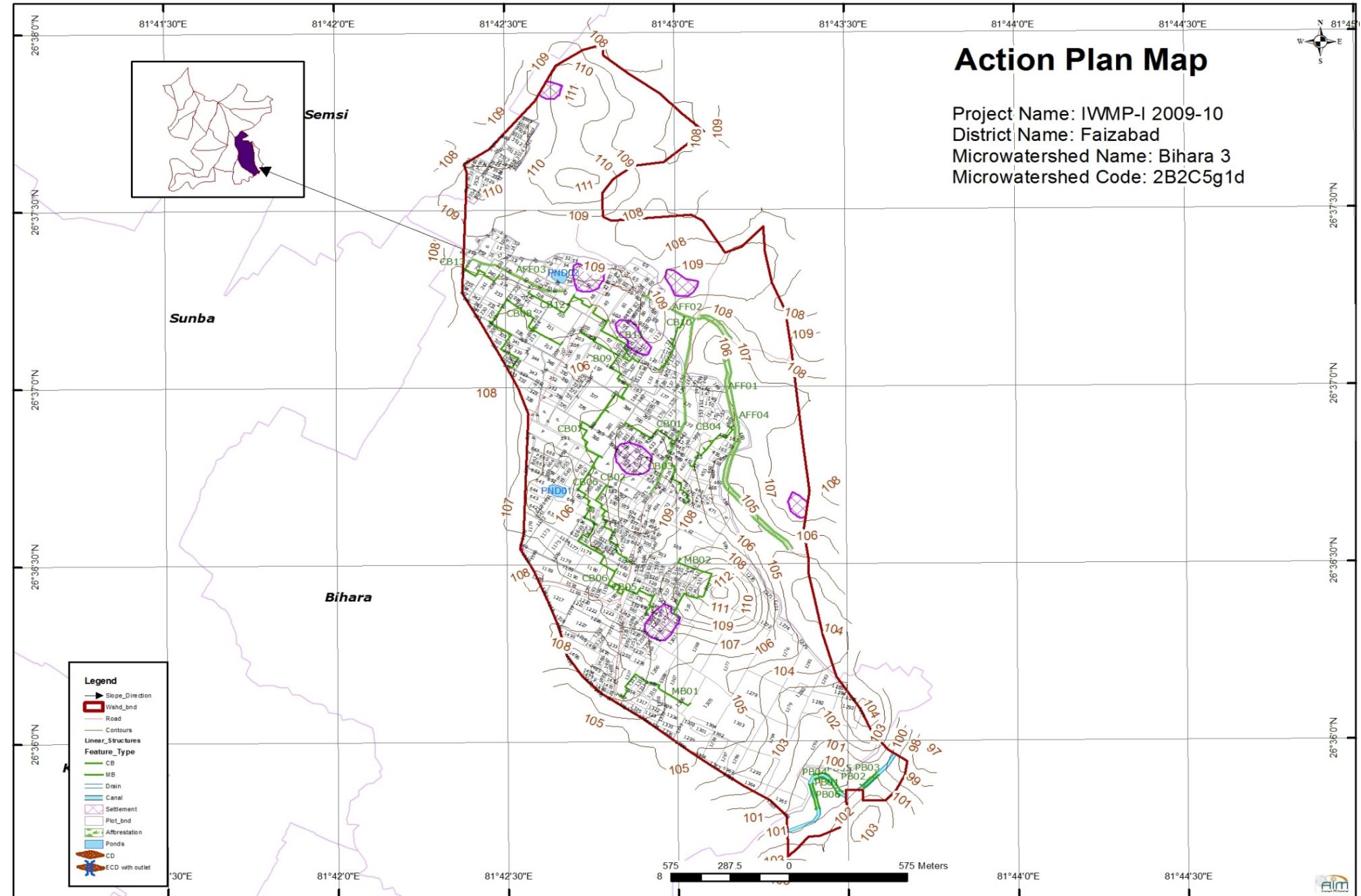
(Source : SRTM Data)

0 500 1,000 2,000 3,000 4,000 Meters



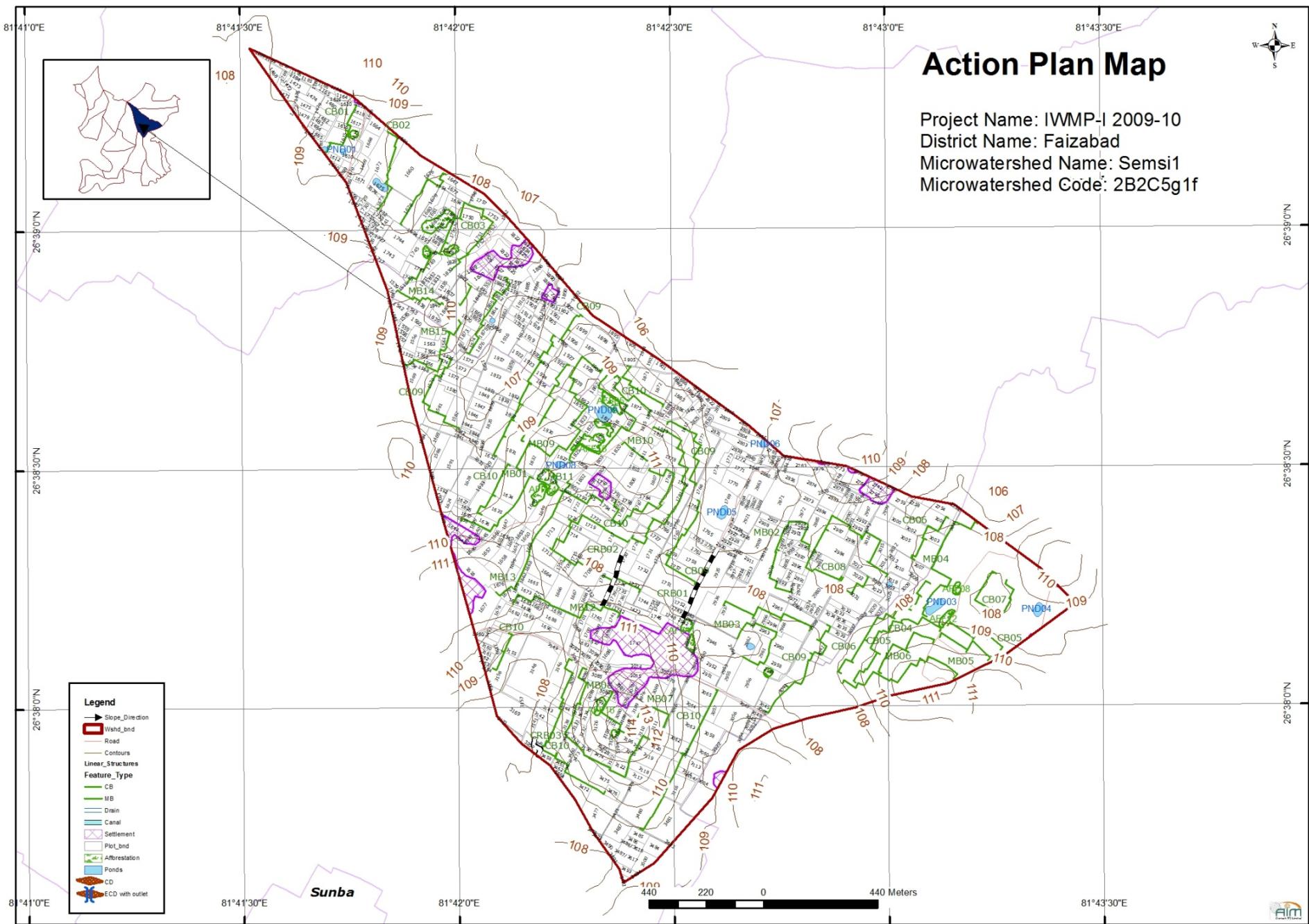


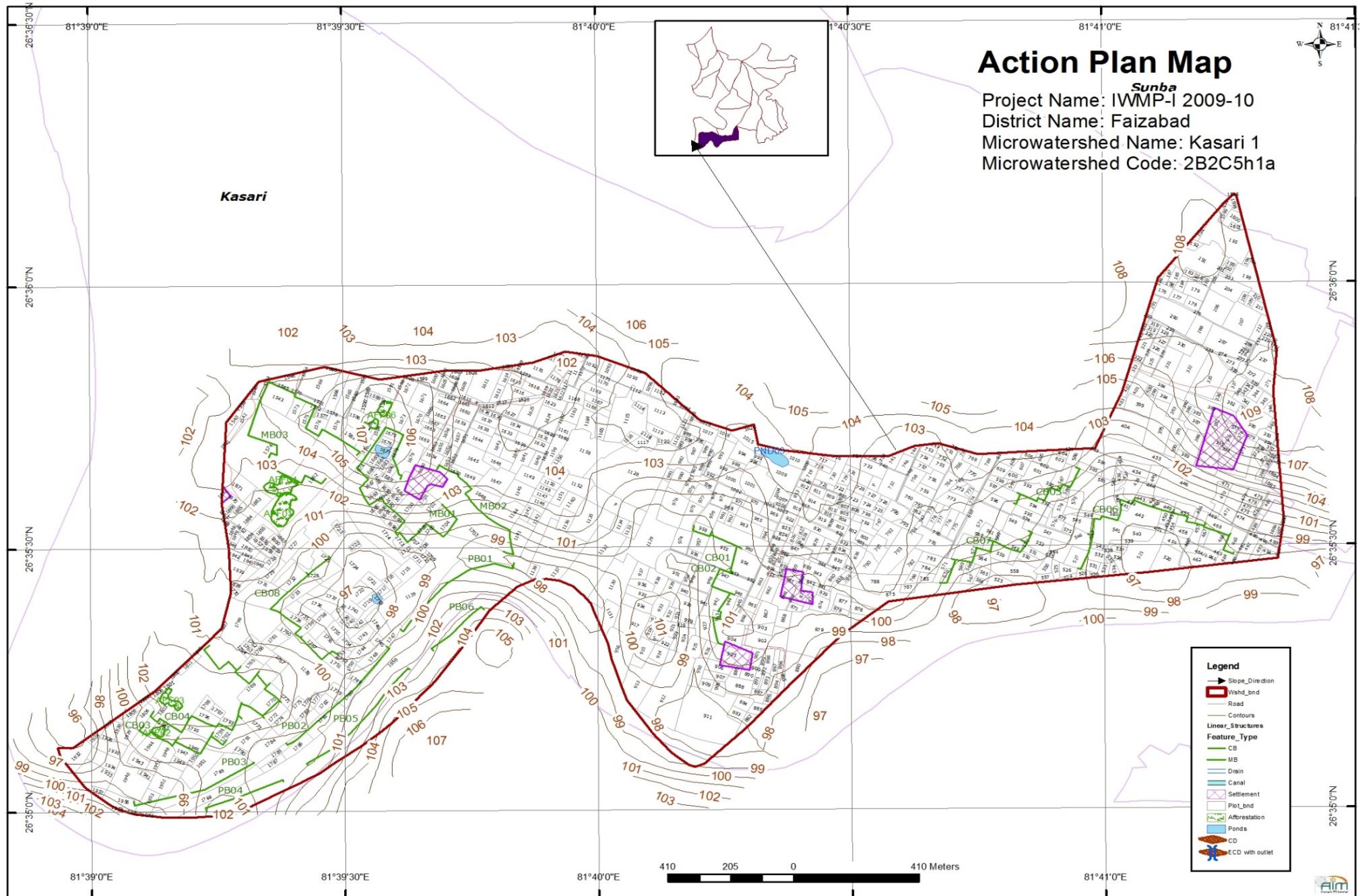


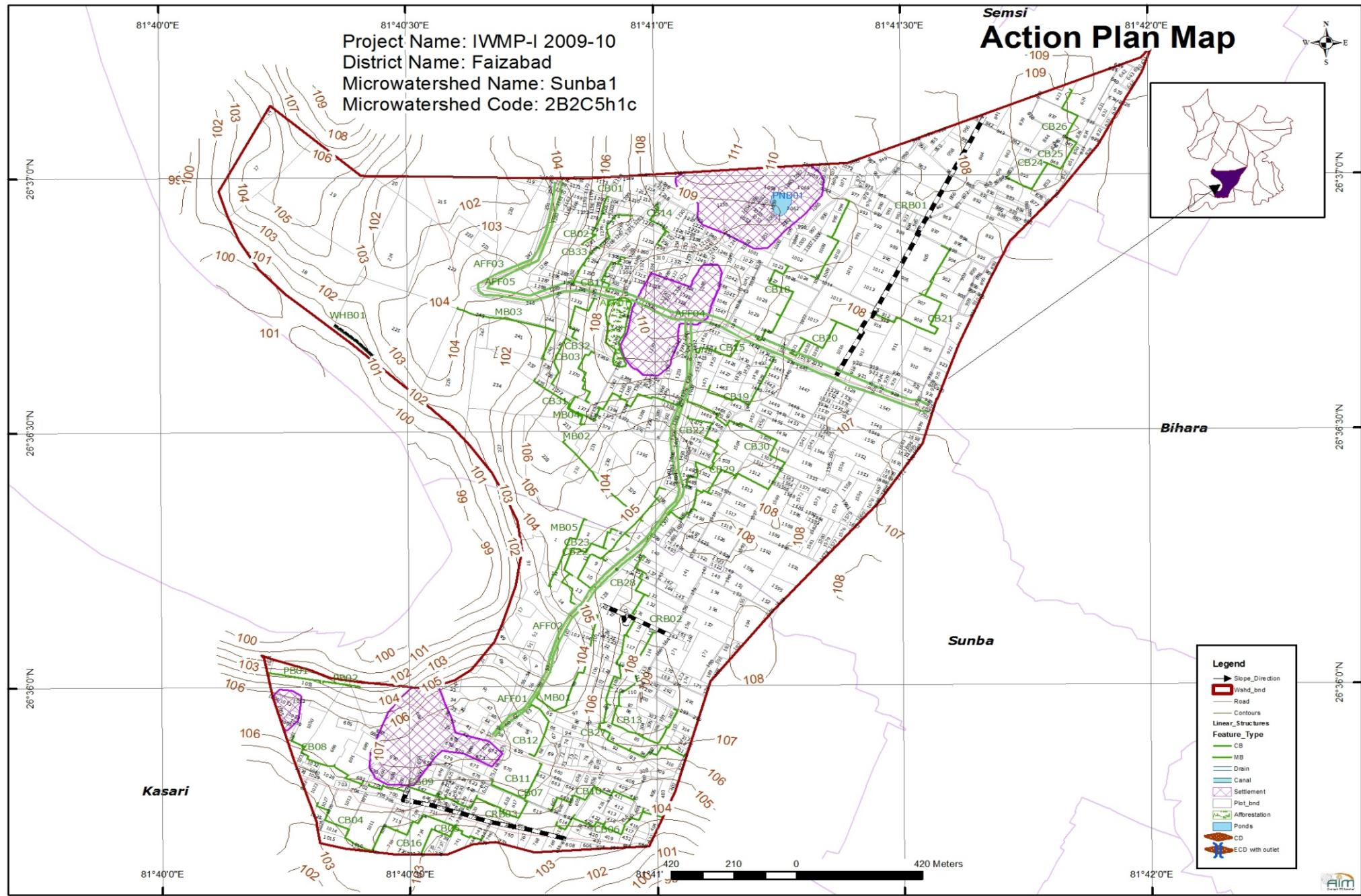


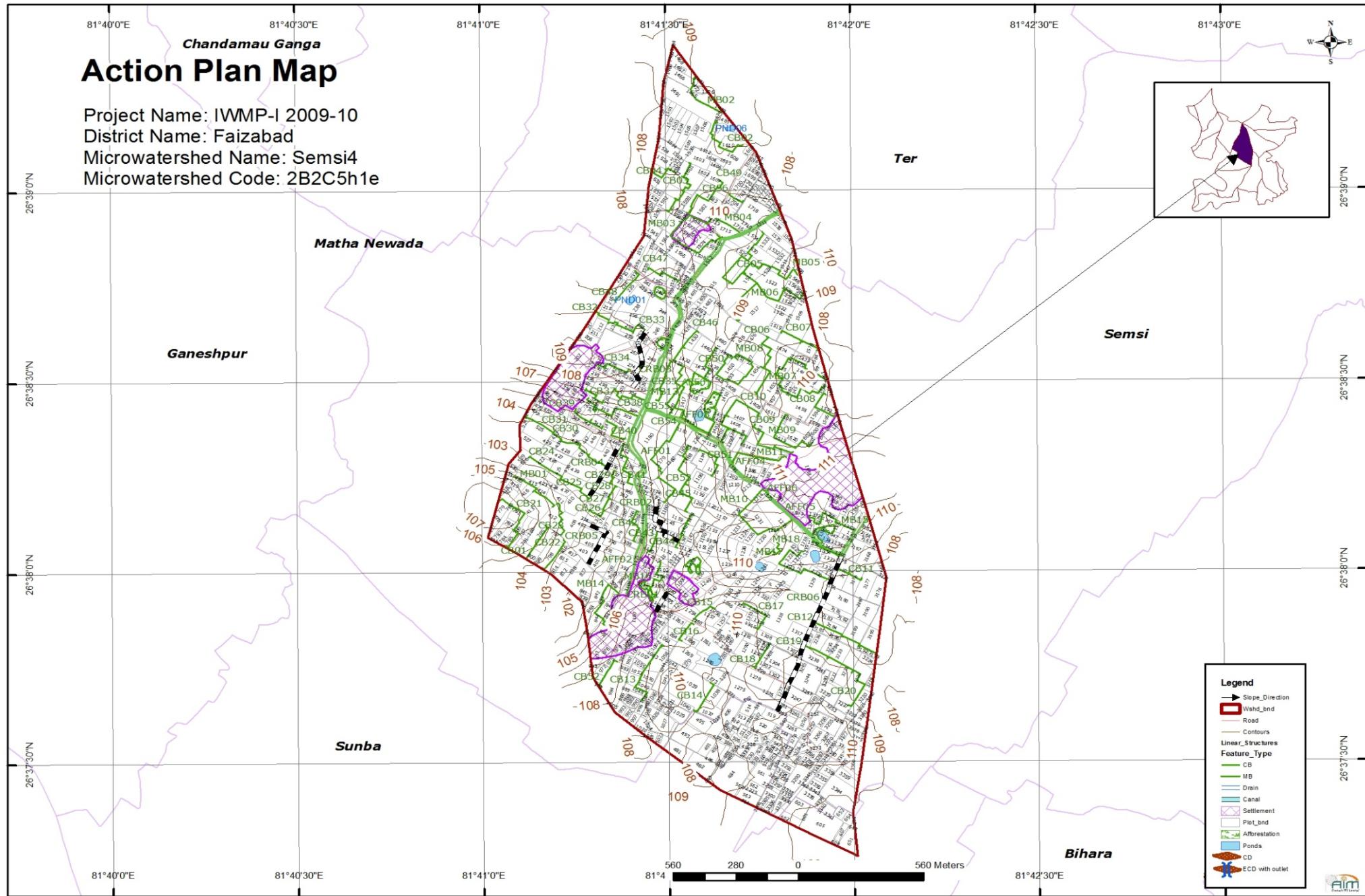
# Action Plan Map

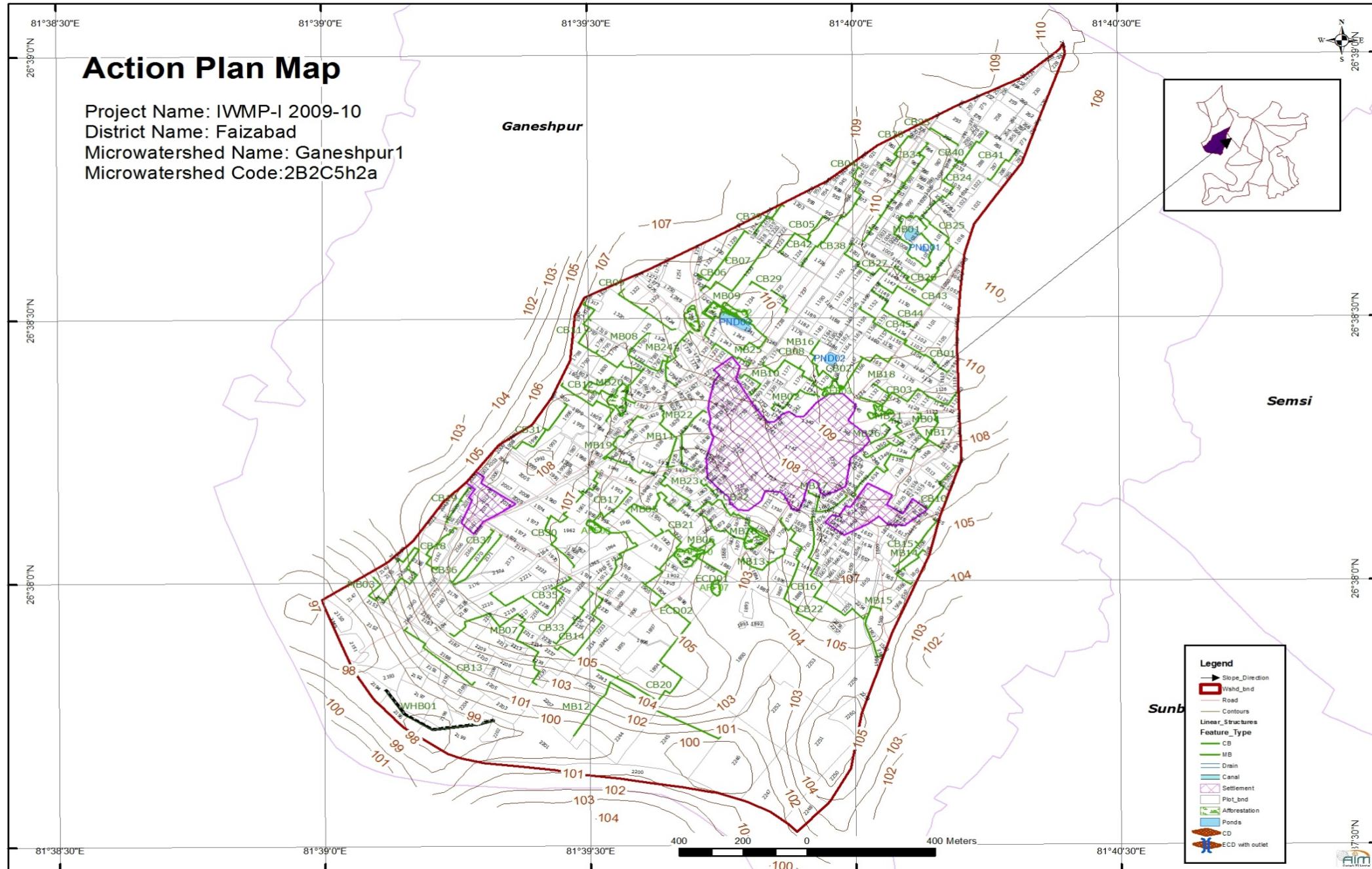
Project Name: IWMP-I 2009-10  
 District Name: Faizabad  
 Microwatershed Name: Sems1  
 Microwatershed Code: 2B2C5g1f





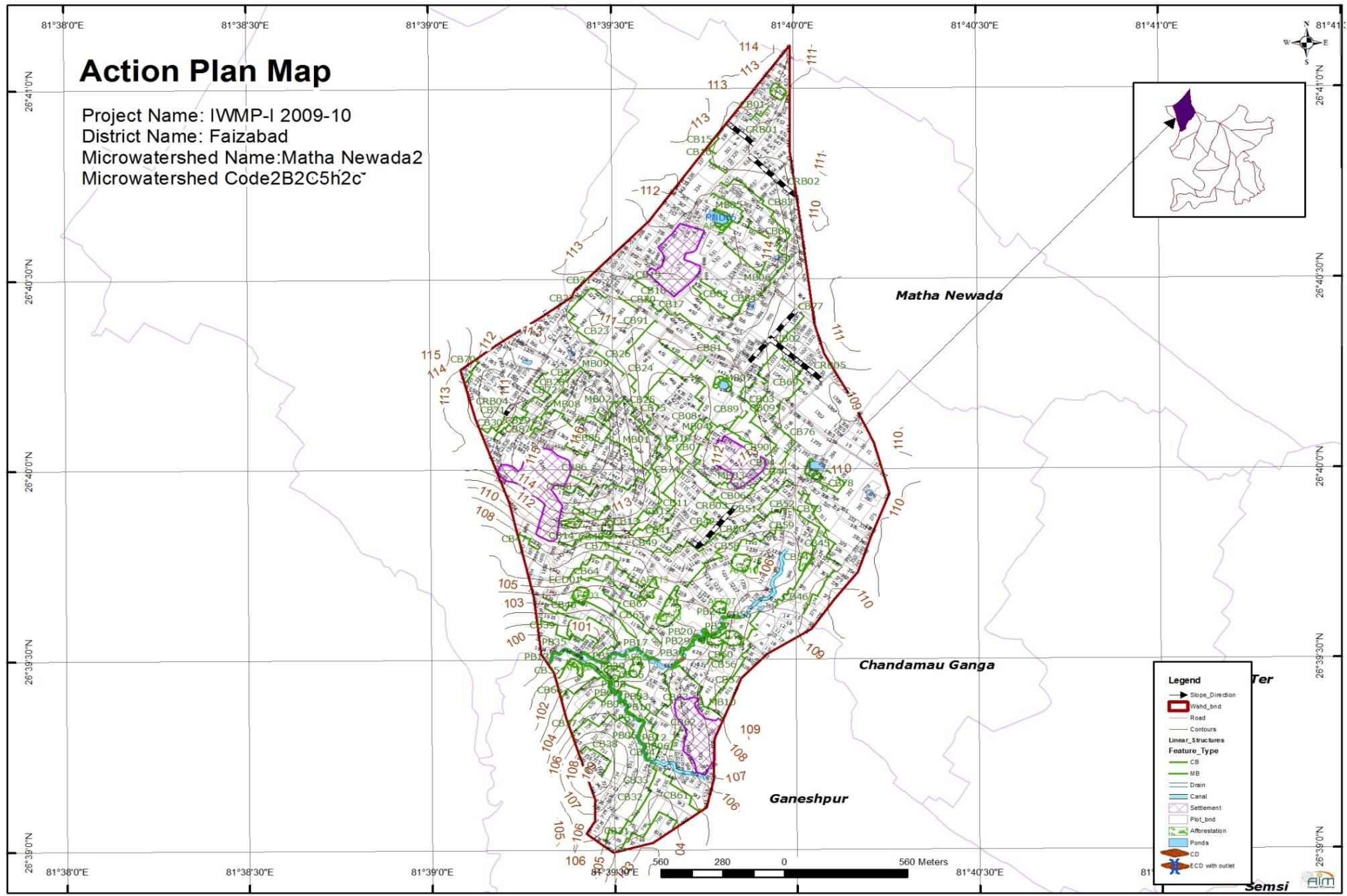


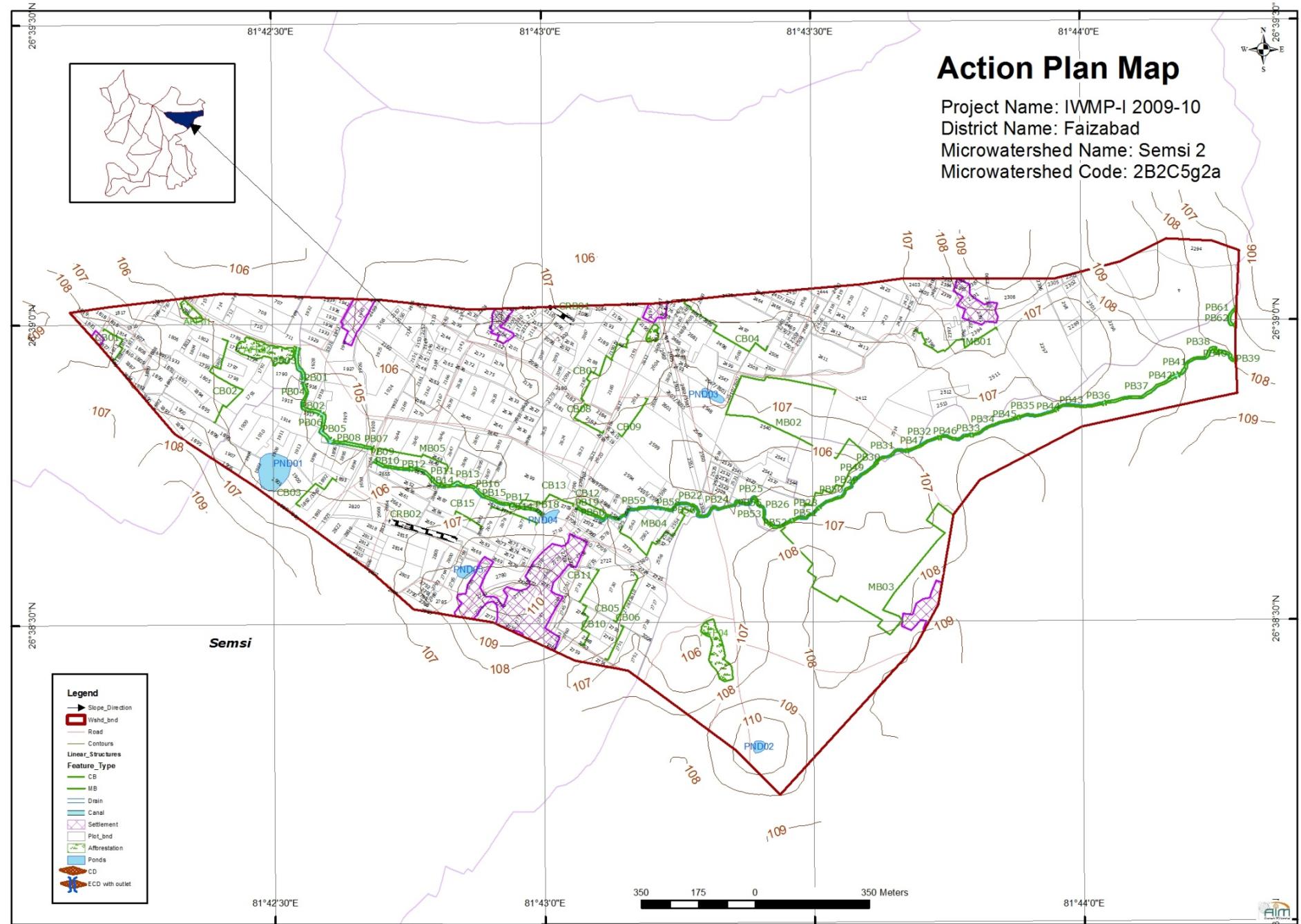




## Action Plan Map

Project Name: IWMP-I 2009-10  
District Name: Faizabad  
Microwatershed Name:Matha Newada2  
Microwatershed Code2B2C5h2c-





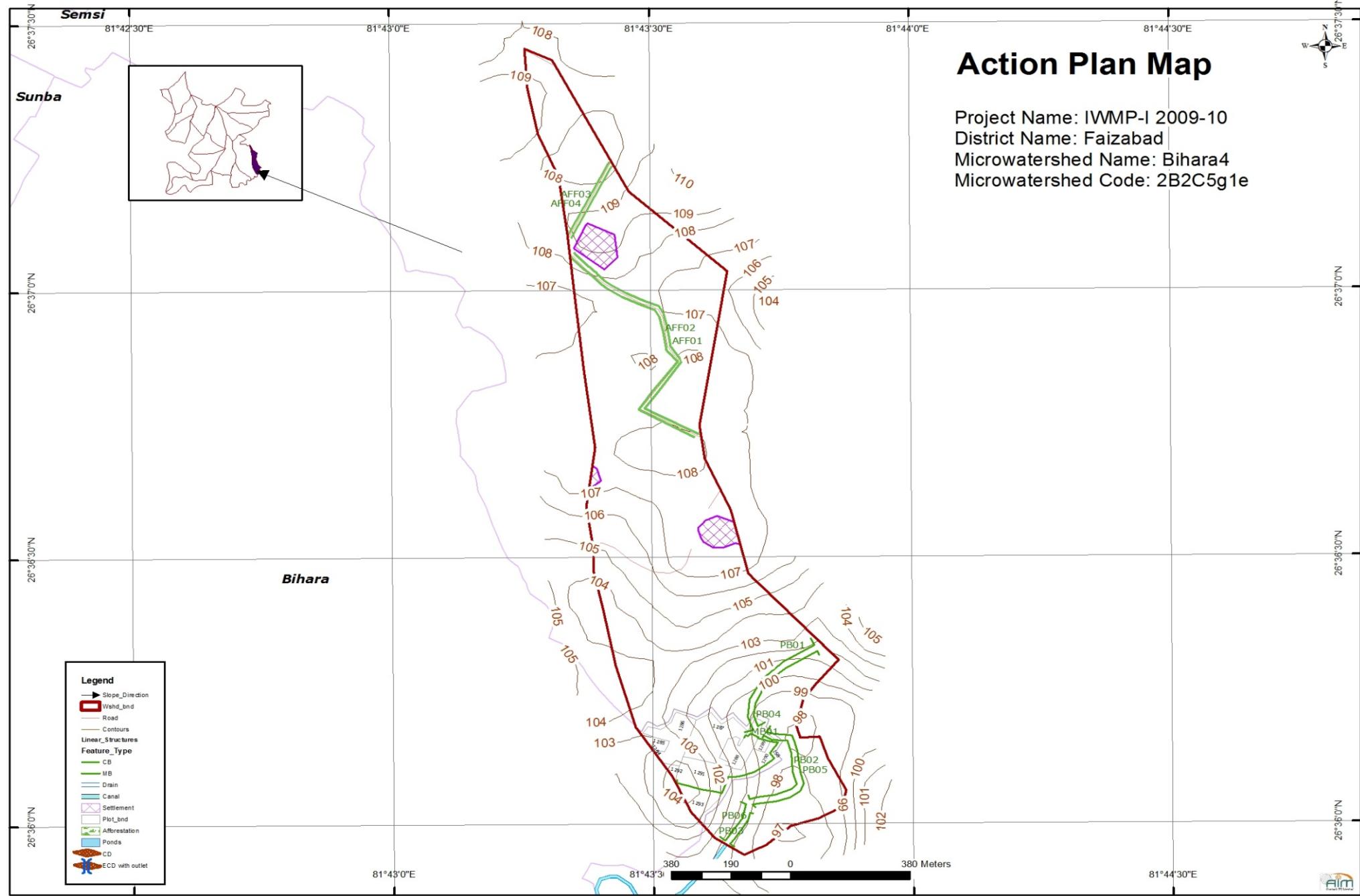
# Action Plan Map

Project Name: IWMP-I 2009-10

District Name: Faizabad

Microwatershed Name: Bihara4

Microwatershed Code: 2B2C5g1e



## PREPARATION OF DPR

Detailed Project Report of Integrated Watershed Management Programme (IWMP- 1<sup>st</sup>) has been prepared through base line/bench Mark survey for physiographic, climate, soil, land use, vegetation, hydrology and socio economic data collection. PRA exercises have been done to collect primary data. Secondary data have been collected from Revenue, Statistics department, Statistical Magazine of the district, department of animal Husbandry development etc. Toposheets on 1:50,000 scale, online high resolution satellite image and SRTM data has been used. Suggestions related to technical & specific inputs were taken from external expert in preparation and drafting of detail project report.

S.No.	Name	Designation	Affiliation
1	Sri.R.P.Verma	B.S.A	P.I.A., Faizabad
2	Sri.Dhram veer singh	J.E	P.I.A., Faizabad
3	Sri Ramvachan morya	ASCI	P.I.A., Faizabad
4	SriAwadvihari gupta	Draughtsman	P.I.A., Faizabad
5	Sri.Tulsiram	Accountant	P.I.A., Faizabad
6	Sri.Vidyasagar singh	Sn.Clerk	P.I.A., Faizabad
7	Sri Kamlish singh	Sn.Clerk	P.I.A., Faizabad
8	Sri Om prakash singh	Sn.Clerk	P.I.A., Faizabad
9	Sri Mhendra prasad upadhyay	Jiladar	P.I.A., Faizabad
10	Sri Prmam dutt shukla	Irrigation Supervisor	P.I.A., Faizabad
11	Sri Ramchandra	Irrigation Supervisor	P.I.A., Faizabad
12	Sri.Anil kumar shukla	Irrigation Supervisor	P.I.A., Faizabad
13	Sri.Ramkishor verma	Munsi	P.I.A., Faizabad
14	Sri.Rajendraingh	Munsi	P.I.A., Faizabad
15	sri. Ramraksha upadyay	Sinchpal	P.I.A., Faizabad
16	Sri.Ramnath singh	Sinchpal	P.I.A., Faizabad

17	sri.Barat singh	Sinchpal	P.I.A., Faizabad
18	Sri.Ramchandra yadav	Sinchpal	P.I.A., Faizabad
19	Sri.Ramchandra gupta	Sinchpal	P.I.A., Faizabad
20	Mr. LIM Rao	CEO	AIM Geotech (Pvt) Ltd, Lucknow
21	Ms. Kuhelee Chandel	GIS Expert	AIM Geotech (Pvt) Ltd, Lucknow
22	Mr. Sanjeev Tripathi	Planning Expert	AIM Geotech (Pvt) Ltd, Lucknow
23	Mr. Jitendra Singh	Agriculture Expert	AIM Geotech (Pvt) Ltd ,Lucknow
24	Dr. Rajiv Kumar	GIS Expert	AIM Geotech (Pvt) Ltd, Lucknow
25	Mr. Vikas Gupta	Project Manager	AIM Geotech (Pvt) Ltd, Lucknow

**ANNEXURE-I**  
**(PARAMETERS)**

<b>Soil type</b>	Sandy loam
<b>Labour rate</b>	Rs. 100/day

<b>Structure Code</b>	<b>Name of Structure</b>	<b>Top width (m)</b>	<b>Base width (m)</b>	<b>Height (m)</b>	<b>Earth work cum / manday</b>
CB	Contour Bund	0.5	2.3	0.6	2.85
MB	Marginal Bund	1	4.75	1.25	2.85
PB	Peripheral Bund	1	4.75	1.25	2.85
WHB	Water Harvesting Bund	3	15	3	2.12
ECD	Earthen Check Dam	3	15	3	2.12
CD	Check Dam	As per design			
AFF	Afforestation	Scattered and block plantation			
PND	Pond	Deepening and widening of existing ponds			

**Outlets proposed in the project**

<b>Outlet code</b>	<b>Name of outlet</b>
DSW	Drop Spill Way
MSN	Masonry outlet
CHT	Chute outlet
HMP	Hume pipe outlet

**Table I.1 Watershed wise and Structurewise Cost of Watershed development activities**

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB01	2B2C5g1b		1523		Sandy Loam	0.45	2.25	0.6	0.81	40462	0	3747.608	5621	46083	1233.969	32.79	405
CB	CB02	2B2C5g1b		1050		Sandy Loam	0.45	2.25	0.6	0.81	27898	0	2583.952	3876	31774	850.813	32.79	279
CB	CB03	2B2C5g1b		309		Sandy Loam	0.45	2.25	0.6	0.81	8212	0	760.629	1141	9353	250.451	32.79	82
CB	CB04	2B2C5g1b		347		Sandy Loam	0.45	2.25	0.6	0.81	9212	0	853.244	1280	10492	280.946	32.79	92
CB	CB05	2B2C5g1b		684		Sandy Loam	0.45	2.25	0.6	0.81	18179	0	1683.776	2526	20705	554.414	32.79	182
CB	CB06	2B2C5g1b		562		Sandy Loam	0.45	2.25	0.6	0.81	14918	0	1381.687	2073	16990	454.946	32.79	149
CB	CB07	2B2C5g1b		948		Sandy Loam	0.45	2.25	0.6	0.81	25185	0	2332.680	3499	28684	768.078	32.79	252
CB	CB08	2B2C5g1b		365		Sandy Loam	0.45	2.25	0.6	0.81	9688	0	897.339	1346	11034	295.465	32.79	97
CB	CB09	2B2C5g1b		1163		Sandy Loam	0.45	2.25	0.6	0.81	30885	0	2860.567	4291	35176	941.894	32.79	309
CB	CB10	2B2C5g1b		370		Sandy Loam	0.45	2.25	0.6	0.81	9840	0	911.376	1367	11207	300.087	32.79	98
CB	CB11	2B2C5g1b		163		Sandy Loam	0.45	2.25	0.6	0.81	4320	0	400.154	600	4921	131.758	32.79	43
CB	CB12	2B2C5g1b		217		Sandy Loam	0.45	2.25	0.6	0.81	5759	0	533.432	800	6559	175.642	32.79	58
CB	CB13	2B2C5g1b		206		Sandy Loam	0.45	2.25	0.6	0.81	5478	0	507.396	761	6239	167.070	32.79	55
CB	CB14	2B2C5g1b		289		Sandy Loam	0.45	2.25	0.6	0.81	7677	0	711.072	1067	8744	234.134	32.79	77
CB	CB15	2B2C5g1b		837		Sandy Loam	0.45	2.25	0.6	0.81	22232	0	2059.187	3089	25321	678.025	32.79	222
CB	CB16	2B2C5g1b		390		Sandy Loam	0.45	2.25	0.6	0.81	10350	0	958.593	1438	11788	315.634	32.79	103
CB	CB17	2B2C5g1b		162		Sandy Loam	0.45	2.25	0.6	0.81	4309	0	399.148	599	4908	131.427	32.79	43

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB18	2B2C5g1b		285		Sandy Loam	0.45	2.25	0.6	0.81	7571	0	701.218	1052	8623	230.889	32.79	76
CB	CB19	2B2C5g1b		223		Sandy Loam	0.45	2.25	0.6	0.81	5928	0	549.012	824	6751	180.772	32.79	59
CB	CB20	2B2C5g1b		491		Sandy Loam	0.45	2.25	0.6	0.81	13032	0	1207.054	1811	14843	397.445	32.79	130
CB	CB21	2B2C5g1b		775		Sandy Loam	0.45	2.25	0.6	0.81	20589	0	1906.948	2860	23449	627.897	32.79	206
CB	CB22	2B2C5g1b		1058		Sandy Loam	0.45	2.25	0.6	0.81	28109	0	2603.467	3905	32014	857.239	32.79	281
CB	CB23	2B2C5g1b		236		Sandy Loam	0.45	2.25	0.6	0.81	6281	0	581.738	873	7153	191.548	32.79	63
CB	CB24	2B2C5g1b		386		Sandy Loam	0.45	2.25	0.6	0.81	10260	0	950.309	1425	11686	312.906	32.79	103
CB	CB25	2B2C5g1b		807		Sandy Loam	0.45	2.25	0.6	0.81	21424	0	1984.328	2976	24401	653.376	32.79	214
CB	CB26	2B2C5g1b		538		Sandy Loam	0.45	2.25	0.6	0.81	14291	0	1323.684	1986	16277	435.847	32.79	143
CB	CB27	2B2C5g1b		323		Sandy Loam	0.45	2.25	0.6	0.81	8583	0	794.969	1192	9775	261.758	32.79	86
CB	CB28	2B2C5g1b		497		Sandy Loam	0.45	2.25	0.6	0.81	13191	0	1221.791	1833	15024	402.297	32.79	132
CB	CB29	2B2C5g1b		365		Sandy Loam	0.45	2.25	0.6	0.81	9701	0	898.483	1348	11048	295.842	32.79	97
CB	CB30	2B2C5g1b		241		Sandy Loam	0.45	2.25	0.6	0.81	6412	0	593.852	891	7302	195.537	32.79	64
CB	CB31	2B2C5g1b		247		Sandy Loam	0.45	2.25	0.6	0.81	6573	0	608.766	913	7486	200.448	32.79	66
CB	CB32	2B2C5g1b		114		Sandy Loam	0.45	2.25	0.6	0.81	3015	0	279.278	419	3434	91.957	32.79	30
CB	CB33	2B2C5g1b		450		Sandy Loam	0.45	2.25	0.6	0.81	11961	0	1107.832	1662	13623	364.774	32.79	120
CB	CB34	2B2C5g1b		218		Sandy Loam	0.45	2.25	0.6	0.81	5793	0	536.583	805	6598	176.680	32.79	58
CB	CB35	2B2C5g1b		441		Sandy Loam	0.45	2.25	0.6	0.81	11725	0	1085.969	1629	13354	357.575	32.79	117
CB	CB36	2B2C5g1b		245		Sandy Loam	0.45	2.25	0.6	0.81	6508	0	602.814	904	7413	198.488	32.79	65

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB37	2B2C5g1b		8		Sandy Loam	0.45	2.25	0.6	0.81	206	0	19.105	29	235	6.291	32.79	2
CB	CB38	2B2C5g1b		131		Sandy Loam	0.45	2.25	0.6	0.81	3486	0	322.890	484	3970	106.318	32.79	35
CRB	CRB01	2B2C5g1b	4	444	HMP	Sandy Loam	2	3.5	0.6	1.65	23998	120000	2781.087	4172	148169	731.865	32.79	240
CRB	CRB02	2B2C5g1b	3	258	HMP	Sandy Loam	2	3.5	0.6	1.65	13982	90000	1620.317	2430	106412	426.399	32.79	140
CRB	CRB03	2B2C5g1b	3	263	HMP	Sandy Loam	2	3.5	0.6	1.65	14209	90000	1646.685	2470	106679	433.338	32.79	142
CRB	CRB04	2B2C5g1b	6	634	HMP	Sandy Loam	2	3.5	0.6	1.65	34300	180000	3975.017	5963	220263	1046.057	32.79	343
CRB	CRB05	2B2C5g1b	7	658	HMP	Sandy Loam	2	3.5	0.6	1.65	35582	210000	4123.548	6185	251767	1085.144	32.79	356
CRB	CRB06	2B2C5g1b	5	486	HMP	Sandy Loam	2	3.5	0.6	1.65	26272	150000	3044.642	4567	180839	801.221	32.79	263
ECD	ECD01	2B2C5g1b	1	87	MSN	Sandy Loam	3	15	3	27	123232	15000	1433.222	2150	140382	2356.699	52.29	1232
ECD	ECD02	2B2C5g1b	1	67	MSN	Sandy Loam	3	15	3	27	94382	15000	1097.691	1647	111029	1804.974	52.29	944
ECD	ECD03	2B2C5g1b	1	67	MSN	Sandy Loam	3	15	3	27	93973	15000	1092.931	1639	110612	1797.146	52.29	940
ECD	ECD04	2B2C5g1b	1	71	MSN	Sandy Loam	3	15	3	27	99906	15000	1161.939	1743	116649	1910.619	52.29	999
ECD	ECD05	2B2C5g1b	1	93	MSN	Sandy Loam	3	15	3	27	131500	15000	1529.382	2294	148794	2514.819	52.29	1315
MB	MB01	2B2C5g1b	8	1611	CHT	Sandy Loam	0.6	3.6	1	2.1	110961	80000	6171.751	9258	200219	3383.989	32.79	1110
MB	MB02	2B2C5g1b	10	1902	CHT	Sandy Loam	0.6	3.6	1	2.1	130964	100000	7284.319	10926	241890	3994.013	32.79	1310
MB	MB03	2B2C5g1b	2	533	CHT	Sandy Loam	0.6	3.6	1	2.1	36712	20000	2041.975	3063	59775	1119.621	32.79	367
MB	MB04	2B2C5g1b	3	592	CHT	Sandy Loam	0.6	3.6	1	2.1	40749	30000	2266.498	3400	74149	1242.727	32.79	407
MB	MB05	2B2C5g1b	2	289	CHT	Sandy Loam	0.6	3.6	1	2.1	19906	20000	1107.171	1661	41566	607.065	32.79	199
PND	PND01	2B2C5g1b	1		HMP	Sandy Loam							0.000		214518			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PND	PND02	2B2C5g1b		1	HMP	Sandy Loam							0.000		141758			
AFF	AFF01	2B2C5g1b		6473									0.000		19420			
AFF	AFF02	2B2C5g1b		5747									0.000		17240			
AFF	AFF03	2B2C5g1b		4301									0.000		12902			
AFF	AFF04	2B2C5g1b		17068									0.000		51205			
AFF	AFF05	2B2C5g1b		4437									0.000		13310			
CB	CB01	2B2C5g1c		702		Sandy Loam	0.45	2.25	0.6	0.81	18646	0	1726.988	2590	21236	568.642	32.79	186
CB	CB02	2B2C5g1c		331		Sandy Loam	0.45	2.25	0.6	0.81	8802	0	815.282	1223	10025	268.446	32.79	88
CB	CB03	2B2C5g1c		312		Sandy Loam	0.45	2.25	0.6	0.81	8287	0	767.531	1151	9438	252.723	32.79	83
CB	CB04	2B2C5g1c		212		Sandy Loam	0.45	2.25	0.6	0.81	5623	0	520.812	781	6404	171.487	32.79	56
CB	CB05	2B2C5g1c		1106		Sandy Loam	0.45	2.25	0.6	0.81	29374	0	2720.658	4081	33455	895.827	32.79	294
CB	CB06	2B2C5g1c		363		Sandy Loam	0.45	2.25	0.6	0.81	9630	0	891.944	1338	10968	293.689	32.79	96
MB	MB01	2B2C5g1c	2	582	CHT	Sandy Loam	0.6	3.6	1	2.1	40105	20000	2230.693	3346	63451	1223.095	32.79	401
MB	MB02	2B2C5g1c	2	557	CHT	Sandy Loam	0.6	3.6	1	2.1	38373	20000	2134.349	3202	61575	1170.270	32.79	384
PB	PB04	2B2C5g1c	1	171	CHT	Sandy Loam	0.6	3.6	1	2.1	11751	10000	653.598	980	22731	358.370	32.79	118
PB	PB06	2B2C5g1c	1	163	CHT	Sandy Loam	0.6	3.6	1	2.1	11244	10000	625.402	938	22182	342.910	32.79	112
PB	PB07	2B2C5g1c	1	204	CHT	Sandy Loam	0.6	3.6	1	2.1	14055	10000	781.759	1173	25228	428.640	32.79	141
PB	PB08	2B2C5g1c	1	227	CHT	Sandy Loam	0.6	3.6	1	2.1	15638	10000	869.797	1305	26943	476.912	32.79	156
PB	PB09	2B2C5g1c	1	177	CHT	Sandy Loam	0.6	3.6	1	2.1	12163	10000	676.509	1015	23178	370.932	32.79	122
PB	PB10	2B2C5g1c	1	159	CHT	Sandy Loam	0.6	3.6	1	2.1	10936	10000	608.275	912	21849	333.519	32.79	109
CD	CD01	2B2C5g1c	1	7	MSN	Sandy Loam					0	0	0.000	0	420000			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays	
PND	PND01	2B2C5g1c		1	HMP	Sandy Loam							0.000		125783				
AFF	AFF01	2B2C5g1c		0	1162	Sandy Loam					0	0	0.000	0	0				
AFF	AFF01	2B2C5g1c			1162								0.000		13950				
AFF	AFF02	2B2C5g1c		0	1162	Sandy Loam					0	0	0.000	0	0				
AFF	AFF02	2B2C5g1c			1162								0.000		13950				
AFF	AFF03	2B2C5g1c		0	777	Sandy Loam					0	0	0.000	0	0				
AFF	AFF03	2B2C5g1c			777								0.000		9330				
AFF	AFF04	2B2C5g1c		0	776	Sandy Loam					0	0	0.000	0	0				
AFF	AFF04	2B2C5g1c			776								0.000		9300				
AFF	AFF05	2B2C5g1c		0	420	Sandy Loam					0	0	0.000	0	0				
AFF	AFF05	2B2C5g1c			420								0.000		5040				
AFF	AFF06	2B2C5g1c		0	433	Sandy Loam					0	0	0.000	0	0				
AFF	AFF06	2B2C5g1c			433								0.000		5190				
AFF	AFF07	2B2C5g1c		0	264	Sandy Loam					0	0	0.000	0	0				
AFF	AFF07	2B2C5g1c			264								0.000		3180				
AFF	AFF08	2B2C5g1c		0	273	Sandy Loam					0	0	0.000	0	0				
AFF	AFF08	2B2C5g1c			273								0.000		3270				
CB	CB01	2B2C5g1d		1	377	CHT	Sandy Loam	0.45	2.25	0.6	0.81	10010	4000	927.092	1391	15400	305.262	32.79	100
CB	CB02	2B2C5g1d		2	664	CHT	Sandy Loam	0.45	2.25	0.6	0.81	17624	8000	1632.374	2449	28073	537.489	32.79	176
CB	CB03	2B2C5g1d		1	320	CHT	Sandy Loam	0.45	2.25	0.6	0.81	8497	4000	787.001	1181	13678	259.134	32.79	85
CB	CB04	2B2C5g1d		1	443	CHT	Sandy Loam	0.45	2.25	0.6	0.81	11775	4000	1090.579	1636	17411	359.093	32.79	118
CB	CB05	2B2C5g1d		1	352	CHT	Sandy Loam	0.45	2.25	0.6	0.81	9337	4000	864.817	1297	14634	284.757	32.79	93

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB06	2B2C5g1d	2	1168	CHT	Sandy Loam	0.45	2.25	0.6	0.81	31030	8000	2874.028	4311	43341	946.326	32.79	310
CB	CB07	2B2C5g1d	2	711	CHT	Sandy Loam	0.45	2.25	0.6	0.81	18892	8000	1749.752	2625	29516	576.138	32.79	189
CB	CB08	2B2C5g1d	2	1011	CHT	Sandy Loam	0.45	2.25	0.6	0.81	26842	8000	2486.128	3729	38571	818.603	32.79	268
CB	CB09	2B2C5g1d	2	589	CHT	Sandy Loam	0.45	2.25	0.6	0.81	15632	8000	1447.833	2172	25804	476.726	32.79	156
CB	CB10	2B2C5g1d	1	385	CHT	Sandy Loam	0.45	2.25	0.6	0.81	10215	4000	946.146	1419	15634	311.536	32.79	102
CB	CB11	2B2C5g1d	2	541	CHT	Sandy Loam	0.45	2.25	0.6	0.81	14368	8000	1330.807	1996	24365	438.192	32.79	144
CB	CB12	2B2C5g1d	2	464	CHT	Sandy Loam	0.45	2.25	0.6	0.81	12313	8000	1140.407	1711	22023	375.500	32.79	123
CB	CB13	2B2C5g1d	1	275	CHT	Sandy Loam	0.45	2.25	0.6	0.81	7300	4000	676.110	1014	12314	222.622	32.79	73
MB	MB01	2B2C5g1d	2	522	CHT	Sandy Loam	0.6	3.6	1	2.1	35961	20000	2000.208	3000	58962	1096.720	32.79	360
MB	MB02	2B2C5g1d	5	569	CHT	Sandy Loam	0.6	3.6	1	2.1	39166	50000	2178.451	3268	92434	1194.451	32.79	392
PB	PB01	2B2C5g1d	2	145	CHT	Sandy Loam	0.6	3.6	1	2.1	9957	20000	553.793	831	30787	303.646	32.79	100
PB	PB02	2B2C5g1d	2	114	CHT	Sandy Loam	0.6	3.6	1	2.1	7844	20000	436.286	654	28498	239.217	32.79	78
PB	PB03	2B2C5g1d	2	110	CHT	Sandy Loam	0.6	3.6	1	2.1	7560	20000	420.480	631	28190	230.551	32.79	76
PB	PB04	2B2C5g1d	2	181	CHT	Sandy Loam	0.6	3.6	1	2.1	12498	20000	695.127	1043	33540	381.140	32.79	125
PB	PB05	2B2C5g1d	1	199	CHT	Sandy Loam	0.6	3.6	1	2.1	13707	10000	762.413	1144	24851	418.033	32.79	137
PB	PB06	2B2C5g1d	2	143	CHT	Sandy Loam	0.6	3.6	1	2.1	9861	20000	548.484	823	30684	300.735	32.79	99
PND	PND01	2B2C5g1d	2		HMP	Sandy Loam							0.000		220295			
PND	PND02	2B2C5g1d	2		HMP	Sandy Loam							0.000		210474			
AFF	AFF01	2B2C5g1d	0	1447		Sandy Loam					0	0	0.000	0	0			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
AFF	AFF01	2B2C5g1d		1447									0.000		17370			
AFF	AFF02	2B2C5g1d	0	1243		Sandy Loam					0	0	0.000	0	0			
AFF	AFF02	2B2C5g1d		1243									0.000		14910			
AFF	AFF03	2B2C5g1d	0	502		Sandy Loam					0	0	0.000	0	0			
AFF	AFF03	2B2C5g1d		502									0.000		6030			
AFF	AFF04	2B2C5g1d	0	1458		Sandy Loam					0	0	0.000	0	0			
AFF	AFF04	2B2C5g1d		1458									0.000		17490			
MB	MB01	2B2C5g1e	4	576	CHT	Sandy Loam	0.6	3.6	1	2.1	39671	40000	2206.565	3310	82981	1209.866	32.79	397
PB	PB01	2B2C5g1e	4	449	CHT	Sandy Loam	0.6	3.6	1	2.1	30940	40000	1720.919	2581	73522	943.585	32.79	309
PB	PB02	2B2C5g1e	4	421	CHT	Sandy Loam	0.6	3.6	1	2.1	28959	40000	1610.705	2416	71375	883.154	32.79	290
PB	PB03	2B2C5g1e	2	183	CHT	Sandy Loam	0.6	3.6	1	2.1	12572	20000	699.285	1049	33621	383.420	32.79	126
PB	PB04	2B2C5g1e	4	402	CHT	Sandy Loam	0.6	3.6	1	2.1	27703	40000	1540.841	2311	70014	844.847	32.79	277
PB	PB05	2B2C5g1e	4	477	CHT	Sandy Loam	0.6	3.6	1	2.1	32879	40000	1828.768	2743	75622	1002.719	32.79	329
PB	PB06	2B2C5g1e	2	151	CHT	Sandy Loam	0.6	3.6	1	2.1	10424	20000	579.777	870	31293	317.893	32.79	104
AFF	AFF01	2B2C5g1e	0	938		Sandy Loam					0	0	0.000	0	0			
AFF	AFF01	2B2C5g1e		938									0.000		11250			
AFF	AFF02	2B2C5g1e	0	942		Sandy Loam					0	0	0.000	0	0			
AFF	AFF02	2B2C5g1e		942									0.000		11310			
AFF	AFF03	2B2C5g1e	0	283		Sandy Loam					0	0	0.000	0	0			
AFF	AFF03	2B2C5g1e		283									0.000		3390			
AFF	AFF04	2B2C5g1e	0	283		Sandy Loam					0	0	0.000	0	0			
AFF	AFF04	2B2C5g1e		283									0.000		3390			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB01	2B2C5g1f		309		Sandy Loam	0.45	2.25	0.6	0.81	8201	0	759.597	1139	9341	250.111	32.79	82
CB	CB02	2B2C5g1f		736		Sandy Loam	0.45	2.25	0.6	0.81	19539	0	1809.724	2715	22254	595.885	32.79	195
CB	CB03	2B2C5g1f		1061		Sandy Loam	0.45	2.25	0.6	0.81	28167	0	2608.872	3913	32081	859.019	32.79	282
CB	CB04	2B2C5g1f		699		Sandy Loam	0.45	2.25	0.6	0.81	18576	0	1720.517	2581	21157	566.512	32.79	186
CB	CB05	2B2C5g1f		984		Sandy Loam	0.45	2.25	0.6	0.81	26137	0	2420.854	3631	29769	797.111	32.79	261
CB	CB06	2B2C5g1f		1006		Sandy Loam	0.45	2.25	0.6	0.81	26726	0	2475.353	3713	30439	815.055	32.79	267
CB	CB07	2B2C5g1f		442		Sandy Loam	0.45	2.25	0.6	0.81	11735	0	1086.860	1630	13365	357.869	32.79	117
CB	CB08	2B2C5g1f		1115		Sandy Loam	0.45	2.25	0.6	0.81	29610	0	2742.498	4114	33724	903.018	32.79	296
CB	CB09	2B2C5g1f		4024		Sandy Loam	0.45	2.25	0.6	0.81	106882	0	9899.510	14849	121731	3259.595	32.79	1069
CB	CB10	2B2C5g1f		4480		Sandy Loam	0.45	2.25	0.6	0.81	118981	0	11020.103	16530	135511	3628.570	32.79	1190
CRB	CRB01	2B2C5g1f	7	332	HMP	Sandy Loam	2	3.5	0.6	1.65	17951	210000	2080.287	3120	231071	547.444	32.79	180
CRB	CRB02	2B2C5g1f	5	238	HMP	Sandy Loam	2	3.5	0.6	1.65	12901	150000	1495.071	2243	165143	393.440	32.79	129
CRB	CRB03	2B2C5g1f	2	179	HMP	Sandy Loam	2	3.5	0.6	1.65	9664	60000	1119.971	1680	71344	294.729	32.79	97
MB	MB01	2B2C5g1f	1	420	CHT	Sandy Loam	0.6	3.6	1	2.1	28942	10000	1609.758	2415	41356	882.635	32.79	289
MB	MB02	2B2C5g1f	2	590	CHT	Sandy Loam	0.6	3.6	1	2.1	40645	20000	2260.734	3391	64037	1239.567	32.79	406
MB	MB03	2B2C5g1f	1	442	CHT	Sandy Loam	0.6	3.6	1	2.1	30447	10000	1693.501	2540	42987	928.551	32.79	304
MB	MB04	2B2C5g1f	2	628	CHT	Sandy Loam	0.6	3.6	1	2.1	43270	20000	2406.689	3610	66880	1319.595	32.79	433
MB	MB05	2B2C5g1f	1	170	CHT	Sandy Loam	0.6	3.6	1	2.1	11695	10000	650.501	976	22671	356.672	32.79	117
MB	MB06	2B2C5g1f	2	460	CHT	Sandy Loam	0.6	3.6	1	2.1	31659	20000	1760.892	2641	54300	965.502	32.79	317

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
MB	MB07	2B2C5g1f	6	1285	CHT	Sandy Loam	0.6	3.6	1	2.1	88463	60000	4920.369	7381	155843	2697.852	32.79	885
MB	MB08	2B2C5g1f	1	235	CHT	Sandy Loam	0.6	3.6	1	2.1	16177	10000	899.802	1350	27527	493.364	32.79	162
MB	MB09	2B2C5g1f	8	1724	CHT	Sandy Loam	0.6	3.6	1	2.1	118712	80000	6602.879	9904	208617	3620.378	32.79	1187
MB	MB10	2B2C5g1f	4	831	CHT	Sandy Loam	0.6	3.6	1	2.1	57222	40000	3182.731	4774	101996	1745.100	32.79	572
MB	MB11	2B2C5g1f	2	264	CHT	Sandy Loam	0.6	3.6	1	2.1	18206	20000	1012.624	1519	39725	555.225	32.79	182
MB	MB12	2B2C5g1f	3	559	CHT	Sandy Loam	0.6	3.6	1	2.1	38523	30000	2142.659	3214	71737	1174.826	32.79	385
MB	MB13	2B2C5g1f	2	535	CHT	Sandy Loam	0.6	3.6	1	2.1	36814	20000	2047.629	3071	59885	1122.721	32.79	368
MB	MB14	2B2C5g1f	2	408	CHT	Sandy Loam	0.6	3.6	1	2.1	28063	20000	1560.870	2341	50404	855.830	32.79	281
MB	MB15	2B2C5g1f	2	353	CHT	Sandy Loam	0.6	3.6	1	2.1	24287	20000	1350.878	2026	46314	740.691	32.79	243
PND	PND01	2B2C5g1f	1		HMP	Sandy Loam							0.000		84933			
PND	PND02	2B2C5g1f	1		HMP	Sandy Loam							0.000		86748			
PND	PND03	2B2C5g1f	1		HMP	Sandy Loam							0.000		112652			
PND	PND04	2B2C5g1f	1		HMP	Sandy Loam							0.000		100454			
PND	PND05	2B2C5g1f	1		HMP	Sandy Loam							0.000		100326			
PND	PND06	2B2C5g1f	1		HMP	Sandy Loam							0.000		86624			
PND	PND07	2B2C5g1f	1		HMP	Sandy Loam							0.000		84301			
PND	PND08	2B2C5g1f	1		HMP	Sandy Loam							0.000		91751			
PND	PND09	2B2C5g1f	1		HMP	Sandy Loam							0.000		114741			
PND	PND10	2B2C5g1f	1		HMP	Sandy Loam							0.000		83658			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PND	PND11	2B2C5g1f		1	HMP	Sandy Loam							0.000		101127			
PND	PND12	2B2C5g1f		1	HMP	Sandy Loam							0.000		83927			
AFF	AFF01	2B2C5g1f		886									0.000		2659			
AFF	AFF02	2B2C5g1f		961									0.000		2884			
AFF	AFF03	2B2C5g1f		5547									0.000		16640			
AFF	AFF04	2B2C5g1f		1582									0.000		4747			
AFF	AFF05	2B2C5g1f		3112									0.000		9335			
AFF	AFF06	2B2C5g1f		1831									0.000		5492			
AFF	AFF07	2B2C5g1f		500									0.000		1500			
AFF	AFF08	2B2C5g1f		1121									0.000		3363			
AFF	AFF09	2B2C5g1f		869									0.000		2607			
AFF	AFF10	2B2C5g1f		1253									0.000		3758			
AFF	AFF11	2B2C5g1f		1479									0.000		4436			
AFF	AFF12	2B2C5g1f		1725									0.000		5175			
AFF	AFF13	2B2C5g1f		4354									0.000		13062			
AFF	AFF14	2B2C5g1f		2660									0.000		7981			
AFF	AFF15	2B2C5g1f		4313									0.000		12940			
AFF	AFF16	2B2C5g1f		1630									0.000		4890			
CB	CB01	2B2C5g2a	1	158	CHT	Sandy Loam	0.45	2.25	0.6	0.81	4205	4000	389.460	584	8789	128.237	32.79	42
CB	CB02	2B2C5g2a	3	427	CHT	Sandy Loam	0.45	2.25	0.6	0.81	11329	12000	1049.332	1574	24903	345.512	32.79	113
CB	CB03	2B2C5g2a	3	196	CHT	Sandy Loam	0.45	2.25	0.6	0.81	5197	12000	481.372	722	17919	158.500	32.79	52
CB	CB04	2B2C5g2a	3	372	CHT	Sandy Loam	0.45	2.25	0.6	0.81	9891	12000	916.106	1374	23265	301.645	32.79	99
CB	CB05	2B2C5g2a	3	182	CHT	Sandy Loam	0.45	2.25	0.6	0.81	4836	12000	447.885	672	17508	147.474	32.79	48
CB	CB06	2B2C5g2a	1	137	CHT	Sandy Loam	0.45	2.25	0.6	0.81	3648	4000	337.863	507	8155	111.248	32.79	36

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB07	2B2C5g2a	3	432	CHT	Sandy Loam	0.45	2.25	0.6	0.81	11481	12000	1063.380	1595	25076	350.137	32.79	115
CB	CB08	2B2C5g2a	3	173	CHT	Sandy Loam	0.45	2.25	0.6	0.81	4587	12000	424.865	637	17224	139.895	32.79	46
CB	CB09	2B2C5g2a	1	166	CHT	Sandy Loam	0.45	2.25	0.6	0.81	4414	4000	408.797	613	9027	134.604	32.79	44
CB	CB10	2B2C5g2a	3	184	CHT	Sandy Loam	0.45	2.25	0.6	0.81	4892	12000	453.124	680	17572	149.199	32.79	49
CB	CB11	2B2C5g2a	1	131	CHT	Sandy Loam	0.45	2.25	0.6	0.81	3487	4000	322.993	484	7972	106.351	32.79	35
CB	CB12	2B2C5g2a	1	108	CHT	Sandy Loam	0.45	2.25	0.6	0.81	2869	4000	265.702	399	7267	87.487	32.79	29
CB	CB13	2B2C5g2a	3	202	CHT	Sandy Loam	0.45	2.25	0.6	0.81	5376	12000	497.968	747	18123	163.965	32.79	54
CB	CB14	2B2C5g2a	1	168	CHT	Sandy Loam	0.45	2.25	0.6	0.81	4459	4000	412.956	619	9078	135.973	32.79	45
CB	CB15	2B2C5g2a	1	120	CHT	Sandy Loam	0.45	2.25	0.6	0.81	3181	4000	294.596	442	7623	97.001	32.79	32
CRB	CRB01	2B2C5g2a	3	176	HMP	Sandy Loam	2	3.5	0.6	1.65	9526	90000	1103.907	1656	101181	290.502	32.79	95
CRB	CRB02	2B2C5g2a	3	425	HMP	Sandy Loam	2	3.5	0.6	1.65	23016	90000	2667.300	4001	117017	701.921	32.79	230
MB	MB01	2B2C5g2a	3	367	CHT	Sandy Loam	0.6	3.6	1	2.1	25295	30000	1406.929	2110	57405	771.423	32.79	253
MB	MB02	2B2C5g2a	6	1270	CHT	Sandy Loam	0.6	3.6	1	2.1	87436	60000	4863.248	7295	154730	2666.533	32.79	874
MB	MB03	2B2C5g2a	6	1206	CHT	Sandy Loam	0.6	3.6	1	2.1	83064	60000	4620.107	6930	149994	2533.218	32.79	831
MB	MB04	2B2C5g2a	3	412	CHT	Sandy Loam	0.6	3.6	1	2.1	28404	30000	1579.860	2370	60774	866.242	32.79	284
MB	MB05	2B2C5g2a	3	264	CHT	Sandy Loam	0.6	3.6	1	2.1	18169	30000	1010.588	1516	49685	554.108	32.79	182
PB	PB01	2B2C5g2a	1	121	CHT	Sandy Loam	0.6	3.6	1	2.1	8317	10000	462.594	694	19011	253.642	32.79	83
PB	PB02	2B2C5g2a	1	152	CHT	Sandy Loam	0.6	3.6	1	2.1	10461	10000	581.838	873	21334	319.023	32.79	105
PB	PB03	2B2C5g2a	1	116	CHT	Sandy Loam	0.6	3.6	1	2.1	7975	10000	443.559	665	18640	243.205	32.79	80

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PB	PB04	2B2C5g2a	1	136	CHT	Sandy Loam	0.6	3.6	1	2.1	9374	10000	521.406	782	20156	285.888	32.79	94
PB	PB05	2B2C5g2a	1	103	CHT	Sandy Loam	0.6	3.6	1	2.1	7095	10000	394.656	592	17687	216.391	32.79	71
PB	PB06	2B2C5g2a	1	103	CHT	Sandy Loam	0.6	3.6	1	2.1	7120	10000	396.019	594	17714	217.138	32.79	71
PB	PB07	2B2C5g2a	1	135	CHT	Sandy Loam	0.6	3.6	1	2.1	9311	10000	517.885	777	20088	283.958	32.79	93
PB	PB08	2B2C5g2a	1	135	CHT	Sandy Loam	0.6	3.6	1	2.1	9308	10000	517.711	777	20084	283.862	32.79	93
PB	PB09	2B2C5g2a	1	121	CHT	Sandy Loam	0.6	3.6	1	2.1	8355	10000	464.733	697	19052	254.814	32.79	84
PB	PB10	2B2C5g2a	1	125	CHT	Sandy Loam	0.6	3.6	1	2.1	8594	10000	477.983	717	19311	262.079	32.79	86
PB	PB11	2B2C5g2a	1	114	CHT	Sandy Loam	0.6	3.6	1	2.1	7845	10000	436.368	655	18500	239.262	32.79	78
PB	PB12	2B2C5g2a	1	109	CHT	Sandy Loam	0.6	3.6	1	2.1	7528	10000	418.723	628	18156	229.587	32.79	75
PB	PB13	2B2C5g2a	1	128	CHT	Sandy Loam	0.6	3.6	1	2.1	8784	10000	488.564	733	19517	267.881	32.79	88
PB	PB14	2B2C5g2a	1	119	CHT	Sandy Loam	0.6	3.6	1	2.1	8192	10000	455.661	683	18876	249.840	32.79	82
PB	PB15	2B2C5g2a	1	127	CHT	Sandy Loam	0.6	3.6	1	2.1	8732	10000	485.660	728	19460	266.289	32.79	87
PB	PB16	2B2C5g2a	1	124	CHT	Sandy Loam	0.6	3.6	1	2.1	8539	10000	474.966	712	19252	260.425	32.79	85
PB	PB17	2B2C5g2a	1	105	CHT	Sandy Loam	0.6	3.6	1	2.1	7248	10000	403.135	605	17853	221.040	32.79	72
PB	PB18	2B2C5g2a	1	103	CHT	Sandy Loam	0.6	3.6	1	2.1	7067	10000	393.094	590	17657	215.534	32.79	71
PB	PB19	2B2C5g2a	1	140	CHT	Sandy Loam	0.6	3.6	1	2.1	9632	10000	535.723	804	20435	293.738	32.79	96
PB	PB20	2B2C5g2a	1	95	CHT	Sandy Loam	0.6	3.6	1	2.1	6519	10000	362.620	544	17063	198.826	32.79	65
PB	PB21	2B2C5g2a	1	90	CHT	Sandy Loam	0.6	3.6	1	2.1	6201	10000	344.902	517	16718	189.111	32.79	62
PB	PB22	2B2C5g2a	1	85	CHT	Sandy Loam	0.6	3.6	1	2.1	5827	10000	324.118	486	16313	177.715	32.79	58

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PB	PB23	2B2C5g2a	1	103	CHT	Sandy Loam	0.6	3.6	1	2.1	7059	10000	392.655	589	17648	215.294	32.79	71
PB	PB24	2B2C5g2a	1	94	CHT	Sandy Loam	0.6	3.6	1	2.1	6493	10000	361.135	542	17034	198.011	32.79	65
PB	PB25	2B2C5g2a	1	76	CHT	Sandy Loam	0.6	3.6	1	2.1	5254	10000	292.210	438	15692	160.219	32.79	53
PB	PB26	2B2C5g2a	1	92	CHT	Sandy Loam	0.6	3.6	1	2.1	6323	10000	351.670	528	16850	192.822	32.79	63
PB	PB27	2B2C5g2a	1	71	CHT	Sandy Loam	0.6	3.6	1	2.1	4857	10000	270.145	405	15262	148.122	32.79	49
PB	PB28	2B2C5g2a	1	93	CHT	Sandy Loam	0.6	3.6	1	2.1	6424	10000	357.301	536	16960	195.909	32.79	64
PB	PB29	2B2C5g2a	1	146	CHT	Sandy Loam	0.6	3.6	1	2.1	10063	10000	559.713	840	20903	306.892	32.79	101
PB	PB30	2B2C5g2a	1	94	CHT	Sandy Loam	0.6	3.6	1	2.1	6447	10000	358.571	538	16985	196.605	32.79	64
PB	PB31	2B2C5g2a	1	114	CHT	Sandy Loam	0.6	3.6	1	2.1	7829	10000	435.437	653	18482	238.751	32.79	78
PB	PB32	2B2C5g2a	1	108	CHT	Sandy Loam	0.6	3.6	1	2.1	7444	10000	414.059	621	18065	227.030	32.79	74
PB	PB33	2B2C5g2a	1	105	CHT	Sandy Loam	0.6	3.6	1	2.1	7229	10000	402.075	603	17832	220.459	32.79	72
PB	PB34	2B2C5g2a	1	158	CHT	Sandy Loam	0.6	3.6	1	2.1	10855	10000	603.790	906	21761	331.060	32.79	109
PB	PB35	2B2C5g2a	1	122	CHT	Sandy Loam	0.6	3.6	1	2.1	8388	10000	466.573	700	19088	255.824	32.79	84
PB	PB36	2B2C5g2a	1	153	CHT	Sandy Loam	0.6	3.6	1	2.1	10522	10000	585.246	878	21400	320.892	32.79	105
PB	PB37	2B2C5g2a	3	247	CHT	Sandy Loam	0.6	3.6	1	2.1	17037	30000	947.630	1421	48459	519.588	32.79	170
PB	PB38	2B2C5g2a	3	191	CHT	Sandy Loam	0.6	3.6	1	2.1	13121	30000	729.798	1095	44216	400.151	32.79	131
PB	PB39	2B2C5g2a	1	72	CHT	Sandy Loam	0.6	3.6	1	2.1	4957	10000	275.690	414	15370	151.162	32.79	50
PB	PB40	2B2C5g2a	1	84	CHT	Sandy Loam	0.6	3.6	1	2.1	5758	10000	320.283	480	16239	175.612	32.79	58
PB	PB41	2B2C5g2a	3	173	CHT	Sandy Loam	0.6	3.6	1	2.1	11904	30000	662.084	993	42897	363.023	32.79	119

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PB	PB42	2B2C5g2a	3	248	CHT	Sandy Loam	0.6	3.6	1	2.1	17056	30000	948.652	1423	48479	520.148	32.79	171
PB	PB43	2B2C5g2a	1	156	CHT	Sandy Loam	0.6	3.6	1	2.1	10756	10000	598.233	897	21653	328.013	32.79	108
PB	PB44	2B2C5g2a	1	124	CHT	Sandy Loam	0.6	3.6	1	2.1	8536	10000	474.784	712	19248	260.325	32.79	85
PB	PB45	2B2C5g2a	1	159	CHT	Sandy Loam	0.6	3.6	1	2.1	10941	10000	608.569	913	21854	333.680	32.79	109
PB	PB46	2B2C5g2a	1	108	CHT	Sandy Loam	0.6	3.6	1	2.1	7464	10000	415.172	623	18087	227.640	32.79	75
PB	PB47	2B2C5g2a	1	114	CHT	Sandy Loam	0.6	3.6	1	2.1	7840	10000	436.084	654	18494	239.106	32.79	78
PB	PB48	2B2C5g2a	1	112	CHT	Sandy Loam	0.6	3.6	1	2.1	7692	10000	427.837	642	18334	234.584	32.79	77
PB	PB49	2B2C5g2a	1	98	CHT	Sandy Loam	0.6	3.6	1	2.1	6763	10000	376.167	564	17327	206.254	32.79	68
PB	PB50	2B2C5g2a	1	144	CHT	Sandy Loam	0.6	3.6	1	2.1	9905	10000	550.938	826	20732	302.081	32.79	99
PB	PB51	2B2C5g2a	1	97	CHT	Sandy Loam	0.6	3.6	1	2.1	6681	10000	371.630	557	17239	203.766	32.79	67
PB	PB52	2B2C5g2a	1	78	CHT	Sandy Loam	0.6	3.6	1	2.1	5380	10000	299.240	449	15829	164.074	32.79	54
PB	PB53	2B2C5g2a	1	98	CHT	Sandy Loam	0.6	3.6	1	2.1	6718	10000	373.661	560	17278	204.879	32.79	67
PB	PB54	2B2C5g2a	1	72	CHT	Sandy Loam	0.6	3.6	1	2.1	4953	10000	275.496	413	15366	151.055	32.79	50
PB	PB55	2B2C5g2a	1	95	CHT	Sandy Loam	0.6	3.6	1	2.1	6517	10000	362.471	544	17061	198.744	32.79	65
PB	PB56	2B2C5g2a	1	103	CHT	Sandy Loam	0.6	3.6	1	2.1	7076	10000	393.550	590	17666	215.785	32.79	71
PB	PB57	2B2C5g2a	1	84	CHT	Sandy Loam	0.6	3.6	1	2.1	5791	10000	322.117	483	16274	176.618	32.79	58
PB	PB58	2B2C5g2a	1	90	CHT	Sandy Loam	0.6	3.6	1	2.1	6176	10000	343.527	515	16692	188.357	32.79	62
PB	PB59	2B2C5g2a	1	93	CHT	Sandy Loam	0.6	3.6	1	2.1	6405	10000	356.246	534	16939	195.331	32.79	64
PB	PB60	2B2C5g2a	1	142	CHT	Sandy Loam	0.6	3.6	1	2.1	9803	10000	545.279	818	20621	298.978	32.79	98

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays	
PB	PB61	2B2C5g2a		1	92	CHT	Sandy Loam	0.6	3.6	1	2.1	6349	10000	353.136	530	16879	193.625	32.79	63
PB	PB62	2B2C5g2a		1	68	CHT	Sandy Loam	0.6	3.6	1	2.1	4695	10000	261.160	392	15087	143.195	32.79	47
PND	PND01	2B2C5g2a		1		HMP	Sandy Loam							0.000		235219			
PND	PND02	2B2C5g2a		1		HMP	Sandy Loam							0.000		95018			
PND	PND03	2B2C5g2a		1		HMP	Sandy Loam							0.000		101937			
PND	PND04	2B2C5g2a		1		HMP	Sandy Loam							0.000		95834			
PND	PND05	2B2C5g2a		1		HMP	Sandy Loam							0.000		99902			
AFF	AFF01	2B2C5g2a		2047										0.000		6140			
AFF	AFF02	2B2C5g2a		7946										0.000		23838			
AFF	AFF03	2B2C5g2a		1353										0.000		4058			
AFF	AFF04	2B2C5g2a		7756										0.000		23269			
CB	CB01	2B2C5g2b		159			Sandy Loam	0.45	2.25	0.6	0.81	4214	0	390.299	585	4799	128.513	32.79	42
CB	CB02	2B2C5g2b		148			Sandy Loam	0.45	2.25	0.6	0.81	3940	0	364.899	547	4487	120.150	32.79	39
CB	CB03	2B2C5g2b		195			Sandy Loam	0.45	2.25	0.6	0.81	5177	0	479.491	719	5896	157.881	32.79	52
CB	CB04	2B2C5g2b		310			Sandy Loam	0.45	2.25	0.6	0.81	8230	0	762.252	1143	9373	250.985	32.79	82
CB	CB05	2B2C5g2b		209			Sandy Loam	0.45	2.25	0.6	0.81	5564	0	515.312	773	6337	169.676	32.79	56
CB	CB06	2B2C5g2b		342			Sandy Loam	0.45	2.25	0.6	0.81	9079	0	840.945	1261	10341	276.897	32.79	91
CB	CB07	2B2C5g2b		237			Sandy Loam	0.45	2.25	0.6	0.81	6289	0	582.524	874	7163	191.807	32.79	63
CB	CB08	2B2C5g2b		615			Sandy Loam	0.45	2.25	0.6	0.81	16346	0	1514.023	2271	18617	498.520	32.79	163
CB	CB09	2B2C5g2b		221			Sandy Loam	0.45	2.25	0.6	0.81	5867	0	543.391	815	6682	178.921	32.79	59
CB	CB10	2B2C5g2b		177			Sandy	0.45	2.25	0.6	0.81	4690	0	434.399	652	5342	143.034	32.79	47

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB11	2B2C5g2b		272		Sandy Loam	0.45	2.25	0.6	0.81	7223	0	669.032	1004	8227	220.291	32.79	72
CB	CB12	2B2C5g2b		193		Sandy Loam	0.45	2.25	0.6	0.81	5117	0	473.959	711	5828	156.060	32.79	51
CB	CB13	2B2C5g2b		254		Sandy Loam	0.45	2.25	0.6	0.81	6741	0	624.341	937	7677	205.576	32.79	67
CB	CB14	2B2C5g2b		232		Sandy Loam	0.45	2.25	0.6	0.81	6150	0	569.583	854	7004	187.545	32.79	61
CB	CB15	2B2C5g2b		273		Sandy Loam	0.45	2.25	0.6	0.81	7247	0	671.262	1007	8254	221.025	32.79	72
CB	CB16	2B2C5g2b		221		Sandy Loam	0.45	2.25	0.6	0.81	5877	0	544.326	816	6693	179.229	32.79	59
CB	CB17	2B2C5g2b		170		Sandy Loam	0.45	2.25	0.6	0.81	4508	0	417.523	626	5134	137.477	32.79	45
CB	CB18	2B2C5g2b		211		Sandy Loam	0.45	2.25	0.6	0.81	5602	0	518.829	778	6380	170.834	32.79	56
CB	CB19	2B2C5g2b		1170		Sandy Loam	0.45	2.25	0.6	0.81	31064	0	2877.207	4316	35380	947.373	32.79	311
CB	CB20	2B2C5g2b		264		Sandy Loam	0.45	2.25	0.6	0.81	7011	0	649.331	974	7985	213.804	32.79	70
CB	CB21	2B2C5g2b		354		Sandy Loam	0.45	2.25	0.6	0.81	9409	0	871.502	1307	10717	286.958	32.79	94
CB	CB22	2B2C5g2b		146		Sandy Loam	0.45	2.25	0.6	0.81	3887	0	360.050	540	4427	118.553	32.79	39
CB	CB23	2B2C5g2b		147		Sandy Loam	0.45	2.25	0.6	0.81	3916	0	362.690	544	4460	119.422	32.79	39
CB	CB24	2B2C5g2b		130		Sandy Loam	0.45	2.25	0.6	0.81	3443	0	318.888	478	3921	105.000	32.79	34
CB	CB25	2B2C5g2b		541		Sandy Loam	0.45	2.25	0.6	0.81	14361	0	1330.092	1995	16356	437.957	32.79	144
CB	CB26	2B2C5g2b		297		Sandy Loam	0.45	2.25	0.6	0.81	7880	0	729.884	1095	8975	240.328	32.79	79
CB	CB27	2B2C5g2b		130		Sandy Loam	0.45	2.25	0.6	0.81	3452	0	319.722	480	3932	105.274	32.79	35
CB	CB28	2B2C5g2b		119		Sandy Loam	0.45	2.25	0.6	0.81	3161	0	292.794	439	3600	96.408	32.79	32
CB	CB29	2B2C5g2b		113		Sandy	0.45	2.25	0.6	0.81	3011	0	278.903	418	3430	91.834	32.79	30

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB30	2B2C5g2b		390		Sandy Loam	0.45	2.25	0.6	0.81	10354	0	959.039	1439	11793	315.781	32.79	104
CB	CB31	2B2C5g2b		355		Sandy Loam	0.45	2.25	0.6	0.81	9432	0	873.622	1310	10743	287.656	32.79	94
CB	CB32	2B2C5g2b		207		Sandy Loam	0.45	2.25	0.6	0.81	5498	0	509.209	764	6262	167.666	32.79	55
CB	CB33	2B2C5g2b		228		Sandy Loam	0.45	2.25	0.6	0.81	6064	0	561.670	843	6907	184.940	32.79	61
CB	CB34	2B2C5g2b		231		Sandy Loam	0.45	2.25	0.6	0.81	6139	0	568.633	853	6992	187.233	32.79	61
CB	CB35	2B2C5g2b		149		Sandy Loam	0.45	2.25	0.6	0.81	3959	0	366.711	550	4509	120.746	32.79	40
CB	CB36	2B2C5g2b		279		Sandy Loam	0.45	2.25	0.6	0.81	7404	0	685.740	1029	8432	225.793	32.79	74
CB	CB37	2B2C5g2b		115		Sandy Loam	0.45	2.25	0.6	0.81	3066	0	283.978	426	3492	93.505	32.79	31
CB	CB38	2B2C5g2b		74		Sandy Loam	0.45	2.25	0.6	0.81	1960	0	181.554	272	2233	59.780	32.79	20
CB	CB39	2B2C5g2b		195		Sandy Loam	0.45	2.25	0.6	0.81	5178	0	479.621	719	5898	157.924	32.79	52
CB	CB40	2B2C5g2b		97		Sandy Loam	0.45	2.25	0.6	0.81	2588	0	239.736	360	2948	78.938	32.79	26
CB	CB41	2B2C5g2b		319		Sandy Loam	0.45	2.25	0.6	0.81	8477	0	785.122	1178	9654	258.516	32.79	85
CB	CB42	2B2C5g2b		129		Sandy Loam	0.45	2.25	0.6	0.81	3432	0	317.845	477	3908	104.656	32.79	34
CB	CB43	2B2C5g2b		350		Sandy Loam	0.45	2.25	0.6	0.81	9284	0	859.915	1290	10574	283.143	32.79	93
CB	CB44	2B2C5g2b		271		Sandy Loam	0.45	2.25	0.6	0.81	7202	0	667.083	1001	8203	219.649	32.79	72
CB	CB45	2B2C5g2b		432		Sandy Loam	0.45	2.25	0.6	0.81	11466	0	1061.954	1593	13059	349.668	32.79	115
CB	CB46	2B2C5g2b		99		Sandy Loam	0.45	2.25	0.6	0.81	2636	0	244.144	366	3002	80.389	32.79	26
CB	CB47	2B2C5g2b		312		Sandy Loam	0.45	2.25	0.6	0.81	8284	0	767.235	1151	9434	252.626	32.79	83
CB	CB48	2B2C5g2b		204		Sandy	0.45	2.25	0.6	0.81	5405	0	500.613	751	6156	164.836	32.79	54

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB49	2B2C5g2b		125		Sandy Loam	0.45	2.25	0.6	0.81	3325	0	307.972	462	3787	101.405	32.79	33
CB	CB50	2B2C5g2b		343		Sandy Loam	0.45	2.25	0.6	0.81	9118	0	844.528	1267	10385	278.076	32.79	91
CB	CB51	2B2C5g2b		366		Sandy Loam	0.45	2.25	0.6	0.81	9727	0	900.907	1351	11078	296.640	32.79	97
CB	CB52	2B2C5g2b		141		Sandy Loam	0.45	2.25	0.6	0.81	3756	0	347.884	522	4278	114.547	32.79	38
CB	CB53	2B2C5g2b		168		Sandy Loam	0.45	2.25	0.6	0.81	4455	0	412.666	619	5074	135.878	32.79	45
CB	CB54	2B2C5g2b		229		Sandy Loam	0.45	2.25	0.6	0.81	6091	0	564.115	846	6937	185.745	32.79	61
CB	CB55	2B2C5g2b		216		Sandy Loam	0.45	2.25	0.6	0.81	5743	0	531.900	798	6541	175.138	32.79	57
CB	CB56	2B2C5g2b		144		Sandy Loam	0.45	2.25	0.6	0.81	3815	0	353.375	530	4345	116.355	32.79	38
CB	CB57	2B2C5g2b		212		Sandy Loam	0.45	2.25	0.6	0.81	5629	0	521.366	782	6411	171.669	32.79	56
CB	CB58	2B2C5g2b		146		Sandy Loam	0.45	2.25	0.6	0.81	3891	0	360.384	541	4432	118.663	32.79	39
CB	CB59	2B2C5g2b		197		Sandy Loam	0.45	2.25	0.6	0.81	5231	0	484.508	727	5958	159.533	32.79	52
CB	CB60	2B2C5g2b		202		Sandy Loam	0.45	2.25	0.6	0.81	5375	0	497.826	747	6122	163.918	32.79	54
CB	CB61	2B2C5g2b		251		Sandy Loam	0.45	2.25	0.6	0.81	6663	0	617.157	926	7589	203.210	32.79	67
CB	CB62	2B2C5g2b		210		Sandy Loam	0.45	2.25	0.6	0.81	5574	0	516.278	774	6349	169.994	32.79	56
CB	CB63	2B2C5g2b		117		Sandy Loam	0.45	2.25	0.6	0.81	3120	0	288.938	433	3553	95.138	32.79	31
CB	CB64	2B2C5g2b		413		Sandy Loam	0.45	2.25	0.6	0.81	10964	0	1015.505	1523	12487	334.373	32.79	110
CB	CB65	2B2C5g2b		96		Sandy Loam	0.45	2.25	0.6	0.81	2550	0	236.138	354	2904	77.753	32.79	25
CB	CB66	2B2C5g2b		225		Sandy Loam	0.45	2.25	0.6	0.81	5973	0	553.256	830	6803	182.170	32.79	60
CB	CB67	2B2C5g2b		126		Sandy	0.45	2.25	0.6	0.81	3355	0	310.720	466	3821	102.310	32.79	34

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB68	2B2C5g2b		334		Sandy Loam	0.45	2.25	0.6	0.81	8861	0	820.695	1231	10092	270.229	32.79	89
CB	CB69	2B2C5g2b		278		Sandy Loam	0.45	2.25	0.6	0.81	7374	0	683.006	1025	8399	224.892	32.79	74
CB	CB70	2B2C5g2b		80		Sandy Loam	0.45	2.25	0.6	0.81	2136	0	197.818	297	2433	65.135	32.79	21
CB	CB71	2B2C5g2b		240		Sandy Loam	0.45	2.25	0.6	0.81	6373	0	590.235	885	7258	194.346	32.79	64
CB	CB72	2B2C5g2b		467		Sandy Loam	0.45	2.25	0.6	0.81	12393	0	1147.876	1722	14115	377.959	32.79	124
CB	CB73	2B2C5g2b		227		Sandy Loam	0.45	2.25	0.6	0.81	6017	0	557.342	836	6853	183.515	32.79	60
CB	CB74	2B2C5g2b		166		Sandy Loam	0.45	2.25	0.6	0.81	4400	0	407.506	611	5011	134.179	32.79	44
CB	CB75	2B2C5g2b		262		Sandy Loam	0.45	2.25	0.6	0.81	6960	0	644.652	967	7927	212.264	32.79	70
CRB	CRB01	2B2C5g2b	3	343	HMP	Sandy Loam	2	3.5	0.6	1.65	18551	90000	2149.802	3225	111775	565.737	32.79	186
CRB	CRB02	2B2C5g2b	7	717	HMP	Sandy Loam	2	3.5	0.6	1.65	38796	210000	4496.020	6744	255540	1183.163	32.79	388
CRB	CRB03	2B2C5g2b	2	206	HMP	Sandy Loam	2	3.5	0.6	1.65	11128	60000	1289.667	1935	73063	339.386	32.79	111
CRB	CRB04	2B2C5g2b	8	776	HMP	Sandy Loam	2	3.5	0.6	1.65	41963	240000	4863.055	7295	289258	1279.751	32.79	420
CRB	CRB05	2B2C5g2b	5	507	HMP	Sandy Loam	2	3.5	0.6	1.65	27418	150000	3177.488	4766	182185	836.181	32.79	274
CRB	CRB06	2B2C5g2b	2	189	HMP	Sandy Loam	2	3.5	0.6	1.65	10216	60000	1183.902	1776	71992	311.553	32.79	102
CRB	CRB07	2B2C5g2b	8	750	HMP	Sandy Loam	2	3.5	0.6	1.65	40593	240000	4704.231	7056	287649	1237.956	32.79	406
MB	MB01	2B2C5g2b	6	612	CHT	Sandy Loam	0.6	3.6	1	2.1	42144	60000	2344.113	3516	105661	1285.284	32.79	421
MB	MB02	2B2C5g2b	32	3245	CHT	Sandy Loam	0.6	3.6	1	2.1	223445	320000	12428.193	18642	562087	6814.414	32.79	2234
MB	MB03	2B2C5g2b	4	271	CHT	Sandy Loam	0.6	3.6	1	2.1	18640	40000	1036.787	1555	60195	568.473	32.79	186
MB	MB04	2B2C5g2b	2	221	CHT	Sandy	0.6	3.6	1	2.1	15241	20000	847.710	1272	36512	464.802	32.79	152

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
MB	MB05	2B2C5g2b	2	173	CHT	Sandy Loam	0.6	3.6	1	2.1	11938	20000	664.011	996	32934	364.079	32.79	119
MB	MB06	2B2C5g2b	4	344	CHT	Sandy Loam	0.6	3.6	1	2.1	23694	40000	1317.883	1977	65671	722.599	32.79	237
MB	MB07	2B2C5g2b	2	241	CHT	Sandy Loam	0.6	3.6	1	2.1	16584	20000	922.418	1384	37968	505.764	32.79	166
MB	MB08	2B2C5g2b	16	1624	CHT	Sandy Loam	0.6	3.6	1	2.1	111833	160000	6220.258	9330	281163	3410.585	32.79	1118
MB	MB09	2B2C5g2b	12	607	CHT	Sandy Loam	0.6	3.6	1	2.1	41794	120000	2324.604	3487	165281	1274.587	32.79	418
MB	MB10	2B2C5g2b	2	253	CHT	Sandy Loam	0.6	3.6	1	2.1	17425	20000	969.194	1454	38879	531.412	32.79	174
MB	MB11	2B2C5g2b	2	251	CHT	Sandy Loam	0.6	3.6	1	2.1	17274	20000	960.794	1441	38715	526.806	32.79	173
MB	MB12	2B2C5g2b	6	672	CHT	Sandy Loam	0.6	3.6	1	2.1	46299	60000	2575.167	3863	110161	1411.972	32.79	463
MB	MB13	2B2C5g2b	10	1004	CHT	Sandy Loam	0.6	3.6	1	2.1	69129	100000	3844.992	5767	174896	2108.220	32.79	691
MB	MB14	2B2C5g2b	10	1443	CHT	Sandy Loam	0.6	3.6	1	2.1	99333	100000	5524.998	8287	207621	3029.372	32.79	993
MB	MB15	2B2C5g2b	4	392	CHT	Sandy Loam	0.6	3.6	1	2.1	27013	40000	1502.514	2254	69267	823.833	32.79	270
MB	MB16	2B2C5g2b	2	143	CHT	Sandy Loam	0.6	3.6	1	2.1	9859	20000	548.375	823	30682	300.675	32.79	99
MB	MB17	2B2C5g2b		261	CHT	Sandy Loam	0.6	3.6	1	2.1	17945	0	998.102	1497	19442	547.262	32.79	179
PB	PB01	2B2C5g2b	1	25	CHT	Sandy Loam	0.6	3.6	1	2.1	1720	10000	95.652	143	11863	52.446	32.79	17
PB	PB02	2B2C5g2b	1	18	CHT	Sandy Loam	0.6	3.6	1	2.1	1209	10000	67.258	101	11310	36.878	32.79	12
PB	PB03	2B2C5g2b	1	112	CHT	Sandy Loam	0.6	3.6	1	2.1	7744	10000	430.702	646	18390	236.155	32.79	77
PB	PB04	2B2C5g2b	1	162	CHT	Sandy Loam	0.6	3.6	1	2.1	11161	10000	620.802	931	22093	340.387	32.79	112
PB	PB05	2B2C5g2b	1	104	CHT	Sandy Loam	0.6	3.6	1	2.1	7159	10000	398.213	597	17757	218.341	32.79	72
PB	PB06	2B2C5g2b	1	90	CHT	Sandy	0.6	3.6	1	2.1	6215	10000	345.663	518	16733	189.528	32.79	62

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
PB	PB07	2B2C5g2b	1	110	CHT	Sandy Loam	0.6	3.6	1	2.1	7558	10000	420.370	631	18188	230.490	32.79	76
PB	PB08	2B2C5g2b	1	133	CHT	Sandy Loam	0.6	3.6	1	2.1	9132	10000	507.912	762	19894	278.489	32.79	91
PB	PB09	2B2C5g2b	1	111	CHT	Sandy Loam	0.6	3.6	1	2.1	7666	10000	426.371	640	18305	233.780	32.79	77
PB	PB10	2B2C5g2b	1	56	CHT	Sandy Loam	0.6	3.6	1	2.1	3884	10000	216.008	324	14208	118.438	32.79	39
WHD	WHD01	2B2C5g2b	1	134	HMP	Sandy Loam	3	15	3	27	170122	40000	2198.455	3298	213420	3614.999	47.06	1701
CD	CD01	2B2C5g2b	1	10	MSN	Sandy Loam					0	0	0.000	0	600000			
PND	PND01	2B2C5g2b	1		HMP	Sandy Loam							0.000		93064			
PND	PND02	2B2C5g2b	1		HMP	Sandy Loam							0.000		91892			
PND	PND03	2B2C5g2b	1		HMP	Sandy Loam							0.000		86541			
PND	PND04	2B2C5g2b	1		HMP	Sandy Loam							0.000		83357			
PND	PND05	2B2C5g2b	1		HMP	Sandy Loam							0.000		119257			
PND	PND06	2B2C5g2b	1		HMP	Sandy Loam							0.000		133084			
AFF	AFF01	2B2C5g2b	0	1352		Sandy Loam					0	0	0.000	0	0			
AFF	AFF01	2B2C5g2b		9439									0.000		28317			
AFF	AFF01	2B2C5g2b		1352									0.000		16230			
AFF	AFF02	2B2C5g2b	0	1363		Sandy Loam					0	0	0.000	0	0			
AFF	AFF02	2B2C5g2b		4714									0.000		14142			
AFF	AFF02	2B2C5g2b		1363									0.000		16350			
AFF	AFF03	2B2C5g2b	0	888		Sandy Loam					0	0	0.000	0	0			
AFF	AFF03	2B2C5g2b		2996									0.000		8987			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
AFF	AFF03	2B2C5g2b		888									0.000		10650			
AFF	AFF04	2B2C5g2b	0	876		Sandy Loam					0	0	0.000	0	0			
AFF	AFF04	2B2C5g2b		4304									0.000		12912			
AFF	AFF04	2B2C5g2b		876									0.000		10500			
AFF	AFF05	2B2C5g2b	0	665		Sandy Loam					0	0	0.000	0	0			
AFF	AFF05	2B2C5g2b		1845									0.000		5535			
AFF	AFF05	2B2C5g2b		665									0.000		7980			
AFF	AFF06	2B2C5g2b	0	657		Sandy Loam					0	0	0.000	0	0			
AFF	AFF06	2B2C5g2b		3572									0.000		10717			
AFF	AFF06	2B2C5g2b		657									0.000		7890			
AFF	AFF07	2B2C5g2b	0	928		Sandy Loam					0	0	0.000	0	0			
AFF	AFF07	2B2C5g2b		5171									0.000		15514			
AFF	AFF07	2B2C5g2b		928									0.000		11130			
AFF	AFF08	2B2C5g2b	0	543		Sandy Loam					0	0	0.000	0	0			
AFF	AFF08	2B2C5g2b		444									0.000		1333			
AFF	AFF08	2B2C5g2b		543									0.000		6510			
AFF	AFF09	2B2C5g2b	0	571		Sandy Loam					0	0	0.000	0	0			
AFF	AFF09	2B2C5g2b		4049									0.000		12146			
AFF	AFF09	2B2C5g2b		571									0.000		6840			
AFF	AFF10	2B2C5g2b	0	556		Sandy Loam					0	0	0.000	0	0			
AFF	AFF10	2B2C5g2b		481									0.000		1444			
AFF	AFF10	2B2C5g2b		556									0.000		6660			
AFF	AFF11	2B2C5g2b	0	317		Sandy Loam					0	0	0.000	0	0			
AFF	AFF11	2B2C5g2b		3165									0.000		9496			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
AFF	AFF11	2B2C5g2b		317									0.000		3810			
AFF	AFF12	2B2C5g2b	0	616		Sandy Loam					0	0	0.000	0	0			
AFF	AFF12	2B2C5g2b		1050									0.000		3149			
AFF	AFF12	2B2C5g2b		616									0.000		7380			
AFF	AFF13	2B2C5g2b	0	658		Sandy Loam					0	0	0.000	0	0			
AFF	AFF13	2B2C5g2b		478									0.000		1434			
AFF	AFF13	2B2C5g2b		658									0.000		7890			
AFF	AFF14	2B2C5g2b	0	594		Sandy Loam					0	0	0.000	0	0			
AFF	AFF14	2B2C5g2b		4811									0.000		14434			
AFF	AFF14	2B2C5g2b		594									0.000		7140			
AFF	AFF15	2B2C5g2b	0	609		Sandy Loam					0	0	0.000	0	0			
AFF	AFF15	2B2C5g2b		3385									0.000		10154			
AFF	AFF15	2B2C5g2b		609									0.000		7320			
AFF	AFF16	2B2C5g2b		2417									0.000		7251			
AFF	AFF17	2B2C5g2b		14101									0.000		42303			
CB	CB01	2B2C5h1a	1	317	CHT	Sandy Loam	0.45	2.25	0.6	0.81	8411	4000	779.000	1168	13579	256.500	32.79	84
CB	CB02	2B2C5h1a	1	453	CHT	Sandy Loam	0.45	2.25	0.6	0.81	12036	4000	1114.765	1672	17708	367.057	32.79	120
CB	CB03	2B2C5h1a	2	456	CHT	Sandy Loam	0.45	2.25	0.6	0.81	12122	8000	1122.793	1684	21807	369.700	32.79	121
CB	CB04	2B2C5h1a	3	1161	CHT	Sandy Loam	0.45	2.25	0.6	0.81	30839	12000	2856.348	4285	47124	940.505	32.79	308
CB	CB05	2B2C5h1a	1	396	CHT	Sandy Loam	0.45	2.25	0.6	0.81	10517	4000	974.132	1461	15979	320.751	32.79	105
CB	CB06	2B2C5h1a	3	941	CHT	Sandy Loam	0.45	2.25	0.6	0.81	24999	12000	2315.461	3473	40473	762.408	32.79	250
CB	CB07	2B2C5h1a	1	555	CHT	Sandy Loam	0.45	2.25	0.6	0.81	14733	4000	1364.587	2047	20780	449.315	32.79	147
CB	CB08	2B2C5h1a	2	648	CHT	Sandy Loam	0.45	2.25	0.6	0.81	17221	8000	1594.979	2392	27613	525.176	32.79	172

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
MB	MB01	2B2C5h1a	4	1164	CHT	Sandy Loam	0.6	3.6	1	2.1	80181	40000	4459.753	6690	126871	2445.295	32.79	802
MB	MB02	2B2C5h1a	2	502	CHT	Sandy Loam	0.6	3.6	1	2.1	34560	20000	1922.236	2883	57443	1053.968	32.79	346
MB	MB03	2B2C5h1a	4	1160	CHT	Sandy Loam	0.6	3.6	1	2.1	79890	40000	4443.545	6665	126555	2436.408	32.79	799
PB	PB01	2B2C5h1a	1	488	CHT	Sandy Loam	0.6	3.6	1	2.1	33573	10000	1867.334	2801	46374	1023.864	32.79	336
PB	PB02	2B2C5h1a	1	498	CHT	Sandy Loam	0.6	3.6	1	2.1	34306	10000	1908.115	2862	47168	1046.225	32.79	343
PB	PB03	2B2C5h1a	1	442	CHT	Sandy Loam	0.6	3.6	1	2.1	30428	10000	1692.453	2539	42967	927.977	32.79	304
PB	PB04	2B2C5h1a	1	292	CHT	Sandy Loam	0.6	3.6	1	2.1	20121	10000	1119.129	1679	31799	613.622	32.79	201
PB	PB05	2B2C5h1a	1	492	CHT	Sandy Loam	0.6	3.6	1	2.1	33894	10000	1885.193	2828	46721	1033.657	32.79	339
PB	PB06	2B2C5h1a	1	241	CHT	Sandy Loam	0.6	3.6	1	2.1	16614	10000	924.092	1386	28000	506.683	32.79	166
PND	PND01	2B2C5h1a	1		HMP	Sandy Loam							0.000		91102			
PND	PND02	2B2C5h1a	1		HMP	Sandy Loam							0.000		101448			
PND	PND03	2B2C5h1a	1		HMP	Sandy Loam							0.000		117774			
AFF	AFF01	2B2C5h1a		5897									0.000		17692			
AFF	AFF02	2B2C5h1a		1054									0.000		3162			
AFF	AFF03	2B2C5h1a		2127									0.000		6382			
AFF	AFF04	2B2C5h1a		4173									0.000		12518			
AFF	AFF05	2B2C5h1a		1090									0.000		3269			
AFF	AFF06	2B2C5h1a		1632									0.000		4895			
CB	CB01	2B2C5h1b	1	425	CHT	Sandy Loam	0.45	2.25	0.6	0.81	11290	4000	1045.683	1569	16858	344.310	32.79	113
CB	CB02	2B2C5h1b	4	1452	CHT	Sandy Loam	0.45	2.25	0.6	0.81	38572	16000	3572.557	5359	59931	1176.330	32.79	386
CB	CB03	2B2C5h1b	5	1910	CHT	Sandy Loam	0.45	2.25	0.6	0.81	50742	20000	4699.766	7050	77792	1547.484	32.79	507

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB04	2B2C5h1b	1	232	CHT	Sandy Loam	0.45	2.25	0.6	0.81	6154	4000	569.954	855	11009	187.668	32.79	62
CB	CB05	2B2C5h1b	3	1088	CHT	Sandy Loam	0.45	2.25	0.6	0.81	28897	12000	2676.444	4015	44911	881.268	32.79	289
MB	MB01	2B2C5h1b	4	677	CHT	Sandy Loam	0.6	3.6	1	2.1	46627	40000	2593.452	3890	90517	1421.997	32.79	466
PB	PB01	2B2C5h1b	2	459	CHT	Sandy Loam	0.6	3.6	1	2.1	31630	20000	1759.283	2639	54269	964.620	32.79	316
PB	PB02	2B2C5h1b	2	284	CHT	Sandy Loam	0.6	3.6	1	2.1	19534	20000	1086.472	1630	41163	595.716	32.79	195
PB	PB03	2B2C5h1b	3	551	CHT	Sandy Loam	0.6	3.6	1	2.1	37956	30000	2111.130	3167	71122	1157.539	32.79	380
PB	PB04	2B2C5h1b	2	290	CHT	Sandy Loam	0.6	3.6	1	2.1	19982	20000	1111.419	1667	41649	609.394	32.79	200
PB	PB05	2B2C5h1b	2	277	CHT	Sandy Loam	0.6	3.6	1	2.1	19040	20000	1059.013	1589	40628	580.660	32.79	190
PB	PB06	2B2C5h1b	2	323	CHT	Sandy Loam	0.6	3.6	1	2.1	22256	20000	1237.884	1857	44113	678.735	32.79	223
PB	PB07	2B2C5h1b	2	374	CHT	Sandy Loam	0.6	3.6	1	2.1	25719	20000	1430.523	2146	47865	784.360	32.79	257
PND	PND01	2B2C5h1b	2		HMP	Sandy Loam							0.000		193006			
PND	PND02	2B2C5h1b	2		HMP	Sandy Loam							0.000		195334			
PND	PND03	2B2C5h1b	2		HMP	Sandy Loam							0.000		183113			
AFF	AFF01	2B2C5h1b		1744									0.000		5231			
AFF	AFF02	2B2C5h1b		1961									0.000		5882			
AFF	AFF03	2B2C5h1b		1312									0.000		3935			
AFF	AFF04	2B2C5h1b		1284									0.000		3852			
AFF	AFF05	2B2C5h1b		2780									0.000		8340			
AFF	AFF06	2B2C5h1b		1357									0.000		4072			
AFF	AFF07	2B2C5h1b		1372									0.000		4116			
AFF	AFF08	2B2C5h1b		1713									0.000		5138			
CB	CB01	2B2C5h1c		73		Sandy Loam	0.45	2.25	0.6	0.81	1932	0	178.951	268	2201	58.923	32.79	19

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB02	2B2C5h1c		163		Sandy Loam	0.45	2.25	0.6	0.81	4342	0	402.178	603	4945	132.424	32.79	43
CB	CB03	2B2C5h1c		213		Sandy Loam	0.45	2.25	0.6	0.81	5654	0	523.720	786	6440	172.444	32.79	57
CB	CB04	2B2C5h1c		738		Sandy Loam	0.45	2.25	0.6	0.81	19598	0	1815.191	2723	22321	597.685	32.79	196
CB	CB05	2B2C5h1c		148		Sandy Loam	0.45	2.25	0.6	0.81	3919	0	362.979	544	4463	119.517	32.79	39
CB	CB06	2B2C5h1c		552		Sandy Loam	0.45	2.25	0.6	0.81	14673	0	1358.982	2038	16711	447.470	32.79	147
CB	CB07	2B2C5h1c		463		Sandy Loam	0.45	2.25	0.6	0.81	12293	0	1138.580	1708	14001	374.898	32.79	123
CB	CB08	2B2C5h1c		390		Sandy Loam	0.45	2.25	0.6	0.81	10359	0	959.429	1439	11798	315.909	32.79	104
CB	CB09	2B2C5h1c		292		Sandy Loam	0.45	2.25	0.6	0.81	7756	0	718.351	1078	8833	236.530	32.79	78
CB	CB10	2B2C5h1c		441		Sandy Loam	0.45	2.25	0.6	0.81	11707	0	1084.311	1626	13333	357.029	32.79	117
CB	CB11	2B2C5h1c		294		Sandy Loam	0.45	2.25	0.6	0.81	7811	0	723.419	1085	8896	238.199	32.79	78
CB	CB12	2B2C5h1c		259		Sandy Loam	0.45	2.25	0.6	0.81	6891	0	638.243	957	7848	210.153	32.79	69
CB	CB13	2B2C5h1c		788		Sandy Loam	0.45	2.25	0.6	0.81	20929	0	1938.446	2908	23837	638.269	32.79	209
CB	CB14	2B2C5h1c		245		Sandy Loam	0.45	2.25	0.6	0.81	6504	0	602.412	904	7408	198.355	32.79	65
CB	CB15	2B2C5h1c		250		Sandy Loam	0.45	2.25	0.6	0.81	6652	0	616.087	924	7576	202.858	32.79	67
CB	CB16	2B2C5h1c		205		Sandy Loam	0.45	2.25	0.6	0.81	5436	0	503.474	755	6191	165.778	32.79	54
CB	CB17	2B2C5h1c		238		Sandy Loam	0.45	2.25	0.6	0.81	6319	0	585.227	878	7196	192.697	32.79	63
CB	CB18	2B2C5h1c		868		Sandy Loam	0.45	2.25	0.6	0.81	23067	0	2136.450	3205	26271	703.465	32.79	231
CB	CB19	2B2C5h1c		405		Sandy Loam	0.45	2.25	0.6	0.81	10755	0	996.155	1494	12249	328.002	32.79	108
CB	CB20	2B2C5h1c		430		Sandy Loam	0.45	2.25	0.6	0.81	11416	0	1057.326	1586	13002	348.144	32.79	114

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB21	2B2C5h1c		701		Sandy Loam	0.45	2.25	0.6	0.81	18629	0	1725.471	2588	21218	568.143	32.79	186
CB	CB22	2B2C5h1c		1181		Sandy Loam	0.45	2.25	0.6	0.81	31368	0	2905.303	4358	35726	956.624	32.79	314
CB	CB23	2B2C5h1c		514		Sandy Loam	0.45	2.25	0.6	0.81	13647	0	1264.004	1896	15543	416.196	32.79	136
CB	CB24	2B2C5h1c		220		Sandy Loam	0.45	2.25	0.6	0.81	5838	0	540.764	811	6650	178.056	32.79	58
CB	CB25	2B2C5h1c		17		Sandy Loam	0.45	2.25	0.6	0.81	453	0	42.000	63	516	13.829	32.79	5
CB	CB26	2B2C5h1c		427		Sandy Loam	0.45	2.25	0.6	0.81	11332	0	1049.622	1574	12907	345.607	32.79	113
CB	CB27	2B2C5h1c		953		Sandy Loam	0.45	2.25	0.6	0.81	25322	0	2345.318	3518	28840	772.239	32.79	253
CB	CB28	2B2C5h1c		328		Sandy Loam	0.45	2.25	0.6	0.81	8724	0	808.036	1212	9936	266.060	32.79	87
CB	CB29	2B2C5h1c		431		Sandy Loam	0.45	2.25	0.6	0.81	11440	0	1059.546	1589	13029	348.875	32.79	114
CB	CB30	2B2C5h1c		770		Sandy Loam	0.45	2.25	0.6	0.81	20439	0	1893.085	2840	23279	623.333	32.79	204
CB	CB31	2B2C5h1c		624		Sandy Loam	0.45	2.25	0.6	0.81	16565	0	1534.236	2301	18866	505.175	32.79	166
CB	CB32	2B2C5h1c		531		Sandy Loam	0.45	2.25	0.6	0.81	14116	0	1307.399	1961	16077	430.485	32.79	141
CB	CB33	2B2C5h1c		407		Sandy Loam	0.45	2.25	0.6	0.81	10806	0	1000.876	1501	12307	329.557	32.79	108
CRB	CRB01	2B2C5h1c	11	1087	HMP	Sandy Loam	2	3.5	0.6	1.65	58790	330000	6813.131	10220	399010	1792.929	32.79	588
CRB	CRB02	2B2C5h1c	3	293	HMP	Sandy Loam	2	3.5	0.6	1.65	15839	90000	1835.530	2753	108592	483.034	32.79	158
CRB	CRB03	2B2C5h1c	6	606	HMP	Sandy Loam	2	3.5	0.6	1.65	32797	180000	3800.761	5701	218498	1000.200	32.79	328
MB	MB01	2B2C5h1c	3	556	CHT	Sandy Loam	0.6	3.6	1	2.1	38285	30000	2129.434	3194	71479	1167.575	32.79	383
MB	MB02	2B2C5h1c	8	358	CHT	Sandy Loam	0.6	3.6	1	2.1	24680	80000	1372.701	2059	106739	752.656	32.79	247
MB	MB03	2B2C5h1c	9	462	CHT	Sandy Loam	0.6	3.6	1	2.1	31801	90000	1768.828	2653	124455	969.854	32.79	318

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
MB	MB04	2B2C5h1c	9	278	CHT	Sandy Loam	0.6	3.6	1	2.1	19158	90000	1065.604	1598	110757	584.274	32.79	192
MB	MB05	2B2C5h1c	5	307	CHT	Sandy Loam	0.6	3.6	1	2.1	21156	50000	1176.730	1765	72921	645.205	32.79	212
PB	PB01	2B2C5h1c	1	190	CHT	Sandy Loam	0.6	3.6	1	2.1	13053	10000	726.029	1089	24142	398.084	32.79	131
PB	PB02	2B2C5h1c	1	137	CHT	Sandy Loam	0.6	3.6	1	2.1	9415	10000	523.652	785	20200	287.120	32.79	94
WHD	WHD01	2B2C5h1c	9	188	HMP	Sandy Loam	3	15	3	27	238392	360000	3080.700	4621	603013	5065.706	47.06	2384
PND	PND01	2B2C5h1c	1		HMP	Sandy Loam							0.000		138335			
AFF	AFF01	2B2C5h1c	0	1738		Sandy Loam					0	0	0.000	0	0			
AFF	AFF01	2B2C5h1c		12803									0.000		38409			
AFF	AFF01	2B2C5h1c		1738									0.000		20850			
AFF	AFF02	2B2C5h1c	0	1750		Sandy Loam					0	0	0.000	0	0			
AFF	AFF02	2B2C5h1c		1750									0.000		21000			
AFF	AFF03	2B2C5h1c	0	991		Sandy Loam					0	0	0.000	0	0			
AFF	AFF03	2B2C5h1c		991									0.000		11880			
AFF	AFF04	2B2C5h1c	0	1092		Sandy Loam					0	0	0.000	0	0			
AFF	AFF04	2B2C5h1c		1092									0.000		13110			
AFF	AFF05	2B2C5h1c	0	2087		Sandy Loam					0	0	0.000	0	0			
AFF	AFF05	2B2C5h1c		2087									0.000		25050			
CB	CB01	2B2C5h1d		261		Sandy Loam	0.45	2.25	0.6	0.81	6922	0	641.136	962	7884	211.106	32.79	69
CB	CB02	2B2C5h1d		305		Sandy Loam	0.45	2.25	0.6	0.81	8094	0	749.674	1125	9219	246.844	32.79	81
CB	CB03	2B2C5h1d		180		Sandy Loam	0.45	2.25	0.6	0.81	4773	0	442.126	663	5437	145.578	32.79	48
CB	CB04	2B2C5h1d		217		Sandy Loam	0.45	2.25	0.6	0.81	5776	0	534.964	802	6578	176.147	32.79	58

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB05	2B2C5h1d		1058		Sandy Loam	0.45	2.25	0.6	0.81	28088	0	2601.548	3902	31990	856.607	32.79	281
CB	CB06	2B2C5h1d		426		Sandy Loam	0.45	2.25	0.6	0.81	11311	0	1047.592	1571	12882	344.939	32.79	113
CB	CB07	2B2C5h1d		288		Sandy Loam	0.45	2.25	0.6	0.81	7648	0	708.360	1063	8710	233.241	32.79	76
CB	CB08	2B2C5h1d		399		Sandy Loam	0.45	2.25	0.6	0.81	10596	0	981.366	1472	12068	323.133	32.79	106
CB	CB09	2B2C5h1d		408		Sandy Loam	0.45	2.25	0.6	0.81	10844	0	1004.423	1507	12351	330.725	32.79	108
CB	CB10	2B2C5h1d		315		Sandy Loam	0.45	2.25	0.6	0.81	8364	0	774.712	1162	9526	255.088	32.79	84
CB	CB11	2B2C5h1d		689		Sandy Loam	0.45	2.25	0.6	0.81	18306	0	1695.527	2543	20849	558.283	32.79	183
CB	CB12	2B2C5h1d		500		Sandy Loam	0.45	2.25	0.6	0.81	13276	0	1229.677	1845	15121	404.894	32.79	133
CB	CB13	2B2C5h1d		350		Sandy Loam	0.45	2.25	0.6	0.81	9295	0	860.878	1291	10586	283.460	32.79	93
CB	CB14	2B2C5h1d		492		Sandy Loam	0.45	2.25	0.6	0.81	13065	0	1210.079	1815	14880	398.441	32.79	131
CB	CB15	2B2C5h1d		280		Sandy Loam	0.45	2.25	0.6	0.81	7425	0	687.720	1032	8457	226.444	32.79	74
CB	CB16	2B2C5h1d		262		Sandy Loam	0.45	2.25	0.6	0.81	6964	0	645.054	968	7932	212.396	32.79	70
CB	CB17	2B2C5h1d		280		Sandy Loam	0.45	2.25	0.6	0.81	7436	0	688.697	1033	8469	226.766	32.79	74
CB	CB18	2B2C5h1d	0	489		Sandy Loam	0.45	2.25	0.6	0.81	13000	0	1204.102	1806	14806	396.473	32.79	130
CB	CB19	2B2C5h1d	0	261		Sandy Loam	0.45	2.25	0.6	0.81	6943	0	643.092	965	7908	211.750	32.79	69
CB	CB20	2B2C5h1d	0	513		Sandy Loam	0.45	2.25	0.6	0.81	13614	0	1260.985	1891	15506	415.202	32.79	136
CRB	CRB01	2B2C5h1d	2	692	HMP	Sandy Loam	2	3.5	0.6	1.65	37447	60000	4339.734	6510	103957	1142.035	32.79	374
ECD	ECD01	2B2C5h1d	1	92	MSN	Sandy Loam	3	15	3	27	129707	15000	1508.529	2263	146970	2480.529	52.29	1297
ECD	ECD02	2B2C5h1d	1	86	MSN	Sandy Loam	3	15	3	27	121483	15000	1412.888	2119	138603	2323.262	52.29	1215

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
ECD	ECD03	2B2C5h1d	1	75	MSN	Sandy Loam	3	15	3	27	105362	15000	1225.391	1838	122200	2014.955	52.29	1054
MB	MB01	2B2C5h1d	7	1762	CHT	Sandy Loam	0.6	3.6	1	2.1	121339	70000	6748.960	10123	201462	3700.474	32.79	1213
PND	PND01	2B2C5h1d	1		HMP	Sandy Loam							0.000		149739			
PND	PND02	2B2C5h1d	1		HMP	Sandy Loam							0.000		167866			
PND	PND03	2B2C5h1d	1		HMP	Sandy Loam							0.000		119407			
AFF	AFF01	2B2C5h1d	0	1594		Sandy Loam					0	0		0.000	0	0		
AFF	AFF01	2B2C5h1d		10430									0.000		31291			
AFF	AFF01	2B2C5h1d		1594									0.000		19140			
AFF	AFF02	2B2C5h1d	0	1584		Sandy Loam					0	0		0.000	0	0		
AFF	AFF02	2B2C5h1d		1584									0.000		19020			
AFF	AFF03	2B2C5h1d	0	1713		Sandy Loam					0	0		0.000	0	0		
AFF	AFF03	2B2C5h1d		1713									0.000		20550			
CB	CB01	2B2C5h1e		211		Sandy Loam	0.45	2.25	0.6	0.81	5610	0	519.574	779	6389	171.079	32.79	56
CB	CB02	2B2C5h1e		319		Sandy Loam	0.45	2.25	0.6	0.81	8463	0	783.864	1176	9639	258.102	32.79	85
CB	CB03	2B2C5h1e		384		Sandy Loam	0.45	2.25	0.6	0.81	10211	0	945.737	1419	11629	311.401	32.79	102
CB	CB04	2B2C5h1e		168		Sandy Loam	0.45	2.25	0.6	0.81	4470	0	414.055	621	5092	136.335	32.79	45
CB	CB05	2B2C5h1e		855		Sandy Loam	0.45	2.25	0.6	0.81	22711	0	2103.550	3155	25867	692.632	32.79	227
CB	CB06	2B2C5h1e		403		Sandy Loam	0.45	2.25	0.6	0.81	10717	0	992.578	1489	12205	326.824	32.79	107
CB	CB07	2B2C5h1e		229		Sandy Loam	0.45	2.25	0.6	0.81	6082	0	563.302	845	6927	185.477	32.79	61
CB	CB08	2B2C5h1e		195		Sandy Loam	0.45	2.25	0.6	0.81	5192	0	480.883	721	5913	158.339	32.79	52
CB	CB09	2B2C5h1e		323		Sandy	0.45	2.25	0.6	0.81	8584	0	795.088	1193	9777	261.797	32.79	86

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB10	2B2C5h1e		422		Sandy Loam	0.45	2.25	0.6	0.81	11210	0	1038.277	1557	12767	341.872	32.79	112
CB	CB11	2B2C5h1e		165		Sandy Loam	0.45	2.25	0.6	0.81	4382	0	405.851	609	4991	133.634	32.79	44
CB	CB12	2B2C5h1e		369		Sandy Loam	0.45	2.25	0.6	0.81	9788	0	906.583	1360	11148	298.509	32.79	98
CB	CB13	2B2C5h1e		367		Sandy Loam	0.45	2.25	0.6	0.81	9750	0	903.018	1355	11104	297.335	32.79	97
CB	CB14	2B2C5h1e		194		Sandy Loam	0.45	2.25	0.6	0.81	5163	0	478.212	717	5880	157.460	32.79	52
CB	CB15	2B2C5h1e		132		Sandy Loam	0.45	2.25	0.6	0.81	3507	0	324.790	487	3994	106.943	32.79	35
CB	CB16	2B2C5h1e		129		Sandy Loam	0.45	2.25	0.6	0.81	3428	0	317.550	476	3905	104.559	32.79	34
CB	CB17	2B2C5h1e		220		Sandy Loam	0.45	2.25	0.6	0.81	5833	0	540.285	810	6644	177.899	32.79	58
CB	CB18	2B2C5h1e		154		Sandy Loam	0.45	2.25	0.6	0.81	4094	0	379.225	569	4663	124.867	32.79	41
CB	CB19	2B2C5h1e		144		Sandy Loam	0.45	2.25	0.6	0.81	3814	0	353.291	530	4344	116.328	32.79	38
CB	CB20	2B2C5h1e		411		Sandy Loam	0.45	2.25	0.6	0.81	10919	0	1011.341	1517	12436	333.003	32.79	109
CB	CB21	2B2C5h1e		373		Sandy Loam	0.45	2.25	0.6	0.81	9894	0	916.378	1375	11268	301.734	32.79	99
CB	CB22	2B2C5h1e		187		Sandy Loam	0.45	2.25	0.6	0.81	4977	0	460.934	691	5668	151.771	32.79	50
CB	CB23	2B2C5h1e		210		Sandy Loam	0.45	2.25	0.6	0.81	5582	0	517.049	776	6358	170.248	32.79	56
CB	CB24	2B2C5h1e		194		Sandy Loam	0.45	2.25	0.6	0.81	5159	0	477.810	717	5875	157.328	32.79	52
CB	CB25	2B2C5h1e		192		Sandy Loam	0.45	2.25	0.6	0.81	5112	0	473.474	710	5822	155.900	32.79	51
CB	CB26	2B2C5h1e		116		Sandy Loam	0.45	2.25	0.6	0.81	3069	0	284.259	426	3495	93.597	32.79	31
CB	CB27	2B2C5h1e		79		Sandy Loam	0.45	2.25	0.6	0.81	2087	0	193.312	290	2377	63.652	32.79	21
CB	CB28	2B2C5h1e		84		Sandy	0.45	2.25	0.6	0.81	2240	0	207.507	311	2552	68.325	32.79	22

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB29	2B2C5h1e		101		Sandy Loam	0.45	2.25	0.6	0.81	2685	0	248.658	373	3058	81.875	32.79	27
CB	CB30	2B2C5h1e		364		Sandy Loam	0.45	2.25	0.6	0.81	9657	0	894.421	1342	10998	294.505	32.79	97
CB	CB31	2B2C5h1e		168		Sandy Loam	0.45	2.25	0.6	0.81	4463	0	413.387	620	5083	136.115	32.79	45
CB	CB32	2B2C5h1e		96		Sandy Loam	0.45	2.25	0.6	0.81	2541	0	235.365	353	2894	77.498	32.79	25
CB	CB33	2B2C5h1e		263		Sandy Loam	0.45	2.25	0.6	0.81	6980	0	646.472	970	7949	212.863	32.79	70
CB	CB34	2B2C5h1e		196		Sandy Loam	0.45	2.25	0.6	0.81	5200	0	481.617	722	5922	158.581	32.79	52
CB	CB35	2B2C5h1e		248		Sandy Loam	0.45	2.25	0.6	0.81	6586	0	609.998	915	7501	200.853	32.79	66
CB	CB36	2B2C5h1e		222		Sandy Loam	0.45	2.25	0.6	0.81	5899	0	546.334	820	6718	179.891	32.79	59
CB	CB37	2B2C5h1e		142		Sandy Loam	0.45	2.25	0.6	0.81	3768	0	349.013	524	4292	114.919	32.79	38
CB	CB38	2B2C5h1e		347		Sandy Loam	0.45	2.25	0.6	0.81	9226	0	854.508	1282	10508	281.362	32.79	92
CB	CB39	2B2C5h1e		198		Sandy Loam	0.45	2.25	0.6	0.81	5260	0	487.201	731	5991	160.420	32.79	53
CB	CB40	2B2C5h1e		184		Sandy Loam	0.45	2.25	0.6	0.81	4894	0	453.298	680	5574	149.257	32.79	49
CB	CB41	2B2C5h1e		295		Sandy Loam	0.45	2.25	0.6	0.81	7847	0	726.789	1090	8937	239.309	32.79	78
CB	CB42	2B2C5h1e		199		Sandy Loam	0.45	2.25	0.6	0.81	5289	0	489.841	735	6023	161.289	32.79	53
CB	CB43	2B2C5h1e		154		Sandy Loam	0.45	2.25	0.6	0.81	4094	0	379.187	569	4663	124.854	32.79	41
CB	CB44	2B2C5h1e		231		Sandy Loam	0.45	2.25	0.6	0.81	6147	0	569.336	854	7001	187.464	32.79	61
CB	CB45	2B2C5h1e		496		Sandy Loam	0.45	2.25	0.6	0.81	13168	0	1219.593	1829	14997	401.573	32.79	132
CB	CB46	2B2C5h1e		216		Sandy Loam	0.45	2.25	0.6	0.81	5745	0	532.083	798	6543	175.198	32.79	57
CB	CB47	2B2C5h1e		189		Sandy	0.45	2.25	0.6	0.81	5022	0	465.169	698	5720	153.165	32.79	50

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB48	2B2C5h1e		206		Sandy Loam	0.45	2.25	0.6	0.81	5459	0	505.585	758	6217	166.473	32.79	55
CB	CB49	2B2C5h1e		324		Sandy Loam	0.45	2.25	0.6	0.81	8598	0	796.374	1195	9793	262.221	32.79	86
CB	CB50	2B2C5h1e		198		Sandy Loam	0.45	2.25	0.6	0.81	5252	0	486.419	730	5981	160.163	32.79	53
CB	CB51	2B2C5h1e		218		Sandy Loam	0.45	2.25	0.6	0.81	5783	0	535.613	803	6586	176.360	32.79	58
CB	CB52	2B2C5h1e		174		Sandy Loam	0.45	2.25	0.6	0.81	4628	0	428.665	643	5271	141.146	32.79	46
CB	CB53	2B2C5h1e		198		Sandy Loam	0.45	2.25	0.6	0.81	5252	0	486.469	730	5982	160.179	32.79	53
CB	CB54	2B2C5h1e		358		Sandy Loam	0.45	2.25	0.6	0.81	9510	0	880.835	1321	10831	290.031	32.79	95
CB	CB55	2B2C5h1e		353		Sandy Loam	0.45	2.25	0.6	0.81	9378	0	868.577	1303	10681	285.995	32.79	94
CB	CB56	2B2C5h1e		92		Sandy Loam	0.45	2.25	0.6	0.81	2456	0	227.474	341	2797	74.900	32.79	25
CRB	CRB01	2B2C5h1e	1	147	HMP	Sandy Loam	2	3.5	0.6	1.65	7933	30000	919.352	1379	39312	241.935	32.79	79
CRB	CRB02	2B2C5h1e	3	291	HMP	Sandy Loam	2	3.5	0.6	1.65	15722	90000	1822.044	2733	108455	479.485	32.79	157
CRB	CRB03	2B2C5h1e	3	308	HMP	Sandy Loam	2	3.5	0.6	1.65	16656	90000	1930.207	2895	109551	507.949	32.79	167
CRB	CRB04	2B2C5h1e	3	304	HMP	Sandy Loam	2	3.5	0.6	1.65	16435	90000	1904.644	2857	109292	501.222	32.79	164
CRB	CRB05	2B2C5h1e	3	291	HMP	Sandy Loam	2	3.5	0.6	1.65	15752	90000	1825.517	2738	108491	480.399	32.79	158
CRB	CRB06	2B2C5h1e	8	805	HMP	Sandy Loam	2	3.5	0.6	1.65	43576	240000	5049.939	7575	291151	1328.931	32.79	436
MB	MB01	2B2C5h1e	1	272	CHT	Sandy Loam	0.6	3.6	1	2.1	18707	10000	1040.512	1561	30268	570.516	32.79	187
MB	MB02	2B2C5h1e	2	255	CHT	Sandy Loam	0.6	3.6	1	2.1	17579	20000	977.738	1467	39045	536.097	32.79	176
MB	MB03	2B2C5h1e	3	552	CHT	Sandy Loam	0.6	3.6	1	2.1	38016	30000	2114.474	3172	71188	1159.372	32.79	380
MB	MB04	2B2C5h1e	2	281	CHT	Sandy	0.6	3.6	1	2.1	19339	20000	1075.644	1613	40952	589.779	32.79	193

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
MB	MB05	2B2C5h1e	2	379	CHT	Sandy Loam	0.6	3.6	1	2.1	26101	20000	1451.737	2178	48278	795.991	32.79	261
MB	MB06	2B2C5h1e	2	329	CHT	Sandy Loam	0.6	3.6	1	2.1	22670	20000	1260.937	1891	44562	691.376	32.79	227
MB	MB07	2B2C5h1e	4	730	CHT	Sandy Loam	0.6	3.6	1	2.1	50287	40000	2797.019	4196	94483	1533.614	32.79	503
MB	MB08	2B2C5h1e	2	501	CHT	Sandy Loam	0.6	3.6	1	2.1	34490	20000	1918.349	2878	57367	1051.836	32.79	345
MB	MB09	2B2C5h1e	2	352	CHT	Sandy Loam	0.6	3.6	1	2.1	24266	20000	1349.693	2025	46290	740.041	32.79	243
MB	MB10	2B2C5h1e	2	507	CHT	Sandy Loam	0.6	3.6	1	2.1	34924	20000	1942.528	2914	57838	1065.094	32.79	349
MB	MB11	2B2C5h1e	1	293	CHT	Sandy Loam	0.6	3.6	1	2.1	20160	10000	1121.338	1682	31842	614.833	32.79	202
MB	MB12	2B2C5h1e	1	142	CHT	Sandy Loam	0.6	3.6	1	2.1	9784	10000	544.168	816	20600	298.369	32.79	98
MB	MB13	2B2C5h1e	2	469	CHT	Sandy Loam	0.6	3.6	1	2.1	32290	20000	1795.983	2694	54984	984.743	32.79	323
MB	MB14	2B2C5h1e	2	329	CHT	Sandy Loam	0.6	3.6	1	2.1	22641	20000	1259.298	1889	44530	690.476	32.79	226
MB	MB15	2B2C5h1e	2	315	CHT	Sandy Loam	0.6	3.6	1	2.1	21692	20000	1206.502	1810	43501	661.529	32.79	217
MB	MB16	2B2C5h1e	1	202	CHT	Sandy Loam	0.6	3.6	1	2.1	13929	10000	774.739	1162	25091	424.792	32.79	139
MB	MB17	2B2C5h1e	4	713	CHT	Sandy Loam	0.6	3.6	1	2.1	49108	40000	2731.453	4097	93206	1497.663	32.79	491
MB	MB18	2B2C5h1e	1	137	CHT	Sandy Loam	0.6	3.6	1	2.1	9406	10000	523.194	785	20191	286.869	32.79	94
PND	PND01	2B2C5h1e	1		HMP	Sandy Loam							0.000		95567			
PND	PND02	2B2C5h1e	1		HMP	Sandy Loam							0.000		106968			
PND	PND04	2B2C5h1e	1		HMP	Sandy Loam							0.000		104696			
PND	PND05	2B2C5h1e	1		HMP	Sandy Loam							0.000		100070			
PND	PND06	2B2C5h1e	1		HMP	Sandy							0.000		89508			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays	
						Loam													
PND	PND07	2B2C5h1e		1	HMP	Sandy Loam							0.000		115334				
PND	PND09	2B2C5h1e		1	HMP	Sandy Loam							0.000		103810				
AFF	AFF01	2B2C5h1e		0	1995		Sandy Loam				0	0	0.000	0	0				
AFF	AFF01	2B2C5h1e			5348								0.000		16043				
AFF	AFF01	2B2C5h1e			1995								0.000		23940				
AFF	AFF02	2B2C5h1e		0	2191		Sandy Loam				0	0	0.000	0	0				
AFF	AFF02	2B2C5h1e			2033								0.000		6098				
AFF	AFF02	2B2C5h1e			2191								0.000		26280				
AFF	AFF03	2B2C5h1e		0	605		Sandy Loam				0	0	0.000	0	0				
AFF	AFF03	2B2C5h1e			1499								0.000		4497				
AFF	AFF03	2B2C5h1e			605								0.000		7260				
AFF	AFF04	2B2C5h1e		0	643		Sandy Loam				0	0	0.000	0	0				
AFF	AFF04	2B2C5h1e			2611								0.000		7832				
AFF	AFF04	2B2C5h1e			643								0.000		7710				
AFF	AFF05	2B2C5h1e		0	709		Sandy Loam				0	0	0.000	0	0				
AFF	AFF05	2B2C5h1e			1886								0.000		5659				
AFF	AFF05	2B2C5h1e			709								0.000		8520				
AFF	AFF06	2B2C5h1e		0	599		Sandy Loam				0	0	0.000	0	0				
AFF	AFF06	2B2C5h1e			3033								0.000		9098				
AFF	AFF06	2B2C5h1e			599								0.000		7200				
AFF	AFF07	2B2C5h1e			5061								0.000		15184				
CB	CB01	2B2C5h1g			117		Sandy Loam	0.45	2.25	0.6	0.81	3101	0	287.205	431	3532	94.567	32.79	31
CB	CB02	2B2C5h1g			190		Sandy	0.45	2.25	0.6	0.81	5041	0	466.932	700	5742	153.746	32.79	50

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB03	2B2C5h1g		197		Sandy Loam	0.45	2.25	0.6	0.81	5224	0	483.819	726	5949	159.306	32.79	52
CB	CB04	2B2C5h1g		201		Sandy Loam	0.45	2.25	0.6	0.81	5346	0	495.179	743	6089	163.047	32.79	53
CB	CB05	2B2C5h1g		344		Sandy Loam	0.45	2.25	0.6	0.81	9131	0	845.701	1269	10399	278.462	32.79	91
CB	CB06	2B2C5h1g		200		Sandy Loam	0.45	2.25	0.6	0.81	5323	0	493.055	740	6063	162.347	32.79	53
CB	CB07	2B2C5h1g		455		Sandy Loam	0.45	2.25	0.6	0.81	12096	0	1120.304	1680	13776	368.881	32.79	121
CB	CB08	2B2C5h1g		364		Sandy Loam	0.45	2.25	0.6	0.81	9673	0	895.934	1344	11017	295.003	32.79	97
CB	CB09	2B2C5h1g		265		Sandy Loam	0.45	2.25	0.6	0.81	7035	0	651.569	977	8012	214.541	32.79	70
CB	CB10	2B2C5h1g		144		Sandy Loam	0.45	2.25	0.6	0.81	3827	0	354.456	532	4359	116.711	32.79	38
CB	CB11	2B2C5h1g		313		Sandy Loam	0.45	2.25	0.6	0.81	8303	0	769.048	1154	9457	253.223	32.79	83
CB	CB12	2B2C5h1g		308		Sandy Loam	0.45	2.25	0.6	0.81	8182	0	757.829	1137	9319	249.529	32.79	82
CB	CB13	2B2C5h1g		206		Sandy Loam	0.45	2.25	0.6	0.81	5481	0	507.689	762	6243	167.166	32.79	55
CB	CB14	2B2C5h1g		407		Sandy Loam	0.45	2.25	0.6	0.81	10808	0	1001.028	1502	12309	329.607	32.79	108
CB	CB15	2B2C5h1g		321		Sandy Loam	0.45	2.25	0.6	0.81	8528	0	789.867	1185	9713	260.078	32.79	85
CB	CB16	2B2C5h1g		390		Sandy Loam	0.45	2.25	0.6	0.81	10369	0	960.348	1441	11809	316.212	32.79	104
CB	CB17	2B2C5h1g		123		Sandy Loam	0.45	2.25	0.6	0.81	3264	0	302.312	453	3717	99.542	32.79	33
CB	CB18	2B2C5h1g		143		Sandy Loam	0.45	2.25	0.6	0.81	3802	0	352.100	528	4330	115.935	32.79	38
CB	CB19	2B2C5h1g		289		Sandy Loam	0.45	2.25	0.6	0.81	7676	0	710.917	1066	8742	234.082	32.79	77
CB	CB20	2B2C5h1g		277		Sandy Loam	0.45	2.25	0.6	0.81	7356	0	681.313	1022	8378	224.335	32.79	74
CB	CB21	2B2C5h1g		129		Sandy	0.45	2.25	0.6	0.81	3437	0	318.360	478	3915	104.826	32.79	34

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB22	2B2C5h1g		161		Sandy Loam	0.45	2.25	0.6	0.81	4284	0	396.804	595	4879	130.655	32.79	43
CB	CB23	2B2C5h1g		312		Sandy Loam	0.45	2.25	0.6	0.81	8293	0	768.108	1152	9445	252.913	32.79	83
CB	CB24	2B2C5h1g		300		Sandy Loam	0.45	2.25	0.6	0.81	7963	0	737.551	1106	9069	242.852	32.79	80
CB	CB25	2B2C5h1g		278		Sandy Loam	0.45	2.25	0.6	0.81	7379	0	683.450	1025	8404	225.038	32.79	74
CB	CB26	2B2C5h1g		310		Sandy Loam	0.45	2.25	0.6	0.81	8221	0	761.436	1142	9363	250.717	32.79	82
CB	CB27	2B2C5h1g		508		Sandy Loam	0.45	2.25	0.6	0.81	13481	0	1248.600	1873	15354	411.124	32.79	135
CB	CB28	2B2C5h1g		222		Sandy Loam	0.45	2.25	0.6	0.81	5890	0	545.503	818	6708	179.617	32.79	59
CB	CB29	2B2C5h1g		502		Sandy Loam	0.45	2.25	0.6	0.81	13343	0	1235.808	1854	15196	406.912	32.79	133
CB	CB30	2B2C5h1g		157		Sandy Loam	0.45	2.25	0.6	0.81	4166	0	385.877	579	4745	127.057	32.79	42
CB	CB31	2B2C5h1g		538		Sandy Loam	0.45	2.25	0.6	0.81	14286	0	1323.206	1985	16271	435.690	32.79	143
CB	CB32	2B2C5h1g		447		Sandy Loam	0.45	2.25	0.6	0.81	11879	0	1100.222	1650	13529	362.268	32.79	119
CB	CB33	2B2C5h1g		245		Sandy Loam	0.45	2.25	0.6	0.81	6495	0	601.542	902	7397	198.069	32.79	65
CB	CB34	2B2C5h1g		139		Sandy Loam	0.45	2.25	0.6	0.81	3705	0	343.159	515	4220	112.991	32.79	37
CB	CB35	2B2C5h1g		327		Sandy Loam	0.45	2.25	0.6	0.81	8680	0	803.911	1206	9885	264.702	32.79	87
CB	CB36	2B2C5h1g		62		Sandy Loam	0.45	2.25	0.6	0.81	1634	0	151.381	227	1861	49.845	32.79	16
CB	CB37	2B2C5h1g		199		Sandy Loam	0.45	2.25	0.6	0.81	5276	0	488.623	733	6008	160.888	32.79	53
CB	CB38	2B2C5h1g		198		Sandy Loam	0.45	2.25	0.6	0.81	5255	0	486.732	730	5985	160.265	32.79	53
CB	CB39	2B2C5h1g		979		Sandy Loam	0.45	2.25	0.6	0.81	26009	0	2408.984	3613	29623	793.202	32.79	260
CB	CB40	2B2C5h1g		294		Sandy	0.45	2.25	0.6	0.81	7803	0	722.682	1084	8887	237.956	32.79	78

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB41	2B2C5h1g		244		Sandy Loam	0.45	2.25	0.6	0.81	6468	0	599.108	899	7367	197.267	32.79	65
CB	CB42	2B2C5h1g		423		Sandy Loam	0.45	2.25	0.6	0.81	11246	0	1041.593	1562	12808	342.963	32.79	112
CB	CB43	2B2C5h1g		297		Sandy Loam	0.45	2.25	0.6	0.81	7901	0	731.837	1098	8999	240.971	32.79	79
CB	CB44	2B2C5h1g		305		Sandy Loam	0.45	2.25	0.6	0.81	8093	0	749.553	1124	9217	246.804	32.79	81
CB	CB45	2B2C5h1g		349		Sandy Loam	0.45	2.25	0.6	0.81	9275	0	859.044	1289	10563	282.856	32.79	93
CB	CB46	2B2C5h1g		236		Sandy Loam	0.45	2.25	0.6	0.81	6267	0	580.441	871	7138	191.121	32.79	63
CB	CB47	2B2C5h1g		166		Sandy Loam	0.45	2.25	0.6	0.81	4419	0	409.291	614	5033	134.767	32.79	44
CB	CB48	2B2C5h1g		159		Sandy Loam	0.45	2.25	0.6	0.81	4214	0	390.316	585	4800	128.519	32.79	42
CB	CB49	2B2C5h1g		165		Sandy Loam	0.45	2.25	0.6	0.81	4389	0	406.515	610	4999	133.852	32.79	44
CB	CB50	2B2C5h1g		157		Sandy Loam	0.45	2.25	0.6	0.81	4170	0	386.262	579	4750	127.184	32.79	42
CB	CB51	2B2C5h1g		275		Sandy Loam	0.45	2.25	0.6	0.81	7303	0	676.372	1015	8317	222.708	32.79	73
CB	CB52	2B2C5h1g		299		Sandy Loam	0.45	2.25	0.6	0.81	7942	0	735.583	1103	9045	242.204	32.79	79
CB	CB53	2B2C5h1g		202		Sandy Loam	0.45	2.25	0.6	0.81	5375	0	497.792	747	6121	163.907	32.79	54
CB	CB54	2B2C5h1g		100		Sandy Loam	0.45	2.25	0.6	0.81	2654	0	245.830	369	3023	80.944	32.79	27
CB	CB55	2B2C5h1g		519		Sandy Loam	0.45	2.25	0.6	0.81	13796	0	1277.842	1917	15713	420.753	32.79	138
CB	CB56	2B2C5h1g		332		Sandy Loam	0.45	2.25	0.6	0.81	8825	0	817.334	1226	10051	269.122	32.79	88
CB	CB57	2B2C5h1g		288		Sandy Loam	0.45	2.25	0.6	0.81	7642	0	707.838	1062	8704	233.069	32.79	76
CB	CB58	2B2C5h1g		157		Sandy Loam	0.45	2.25	0.6	0.81	4163	0	385.544	578	4741	126.947	32.79	42
CB	CB59	2B2C5h1g		180		Sandy	0.45	2.25	0.6	0.81	4781	0	442.852	664	5446	145.817	32.79	48

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
CB	CB60	2B2C5h1g		241		Sandy Loam	0.45	2.25	0.6	0.81	6399	0	592.706	889	7288	195.159	32.79	64
CB	CB61	2B2C5h1g		150		Sandy Loam	0.45	2.25	0.6	0.81	3974	0	368.054	552	4526	121.189	32.79	40
CB	CB62	2B2C5h1g		140		Sandy Loam	0.45	2.25	0.6	0.81	3708	0	343.441	515	4223	113.084	32.79	37
CB	CB63	2B2C5h1g		150		Sandy Loam	0.45	2.25	0.6	0.81	3977	0	368.345	553	4529	121.284	32.79	40
CB	CB64	2B2C5h1g		159		Sandy Loam	0.45	2.25	0.6	0.81	4212	0	390.117	585	4797	128.453	32.79	42
CB	CB65	2B2C5h1g		247		Sandy Loam	0.45	2.25	0.6	0.81	6556	0	607.207	911	7467	199.934	32.79	66
CB	CB66	2B2C5h1g		305		Sandy Loam	0.45	2.25	0.6	0.81	8089	0	749.208	1124	9213	246.690	32.79	81
CB	CB67	2B2C5h1g		267		Sandy Loam	0.45	2.25	0.6	0.81	7092	0	656.898	985	8078	216.296	32.79	71
CB	CB68	2B2C5h1g		499		Sandy Loam	0.45	2.25	0.6	0.81	13252	0	1227.428	1841	15093	404.153	32.79	133
CB	CB69	2B2C5h1g		210		Sandy Loam	0.45	2.25	0.6	0.81	5566	0	515.517	773	6339	169.743	32.79	56
CB	CB70	2B2C5h1g		199		Sandy Loam	0.45	2.25	0.6	0.81	5289	0	489.887	735	6024	161.304	32.79	53
CB	CB71	2B2C5h1g		171		Sandy Loam	0.45	2.25	0.6	0.81	4550	0	421.404	632	5182	138.755	32.79	45
CB	CB72	2B2C5h1g		246		Sandy Loam	0.45	2.25	0.6	0.81	6530	0	604.848	907	7438	199.157	32.79	65
CB	CB73	2B2C5h1g		148		Sandy Loam	0.45	2.25	0.6	0.81	3942	0	365.070	548	4489	120.206	32.79	39
CB	CB74	2B2C5h1g		82		Sandy Loam	0.45	2.25	0.6	0.81	2171	0	201.099	302	2473	66.215	32.79	22
CRB	CRB01	2B2C5h1g	8	802	HMP	Sandy Loam	2	3.5	0.6	1.65	43397	240000	5029.238	7544	290941	1323.484	32.79	434
CRB	CRB02	2B2C5h1g	4	372	HMP	Sandy Loam	2	3.5	0.6	1.65	20142	120000	2334.196	3501	143643	614.262	32.79	201
CRB	CRB03	2B2C5h1g	3	311	HMP	Sandy Loam	2	3.5	0.6	1.65	16831	90000	1950.509	2926	109757	513.292	32.79	168
MB	MB01	2B2C5h1g	2	752	CHT	Sandy	0.6	3.6	1	2.1	51786	20000	2880.375	4321	76106	1579.318	32.79	518

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
MB	MB02	2B2C5h1g	2	267	CHT	Sandy Loam	0.6	3.6	1	2.1	18413	20000	1024.143	1536	39949	561.540	32.79	184
MB	MB03	2B2C5h1g	3	577	CHT	Sandy Loam	0.6	3.6	1	2.1	39757	30000	2211.334	3317	73074	1212.481	32.79	398
MB	MB04	2B2C5h1g	4	670	CHT	Sandy Loam	0.6	3.6	1	2.1	46142	40000	2566.436	3850	89991	1407.184	32.79	461
MB	MB05	2B2C5h1g	4	714	CHT	Sandy Loam	0.6	3.6	1	2.1	49171	40000	2734.916	4102	93273	1499.562	32.79	492
MB	MB06	2B2C5h1g	2	517	CHT	Sandy Loam	0.6	3.6	1	2.1	35620	20000	1981.228	2972	58592	1086.313	32.79	356
MB	MB07	2B2C5h1g	1	197	CHT	Sandy Loam	0.6	3.6	1	2.1	13554	10000	753.886	1131	24685	413.358	32.79	136
MB	MB08	2B2C5h1g	4	670	CHT	Sandy Loam	0.6	3.6	1	2.1	46112	40000	2564.809	3847	89960	1406.292	32.79	461
MB	MB09	2B2C5h1g	2	468	CHT	Sandy Loam	0.6	3.6	1	2.1	32199	20000	1790.925	2686	54885	981.969	32.79	322
MB	MB10	2B2C5h1g	2	262	CHT	Sandy Loam	0.6	3.6	1	2.1	18038	20000	1003.313	1505	39543	550.120	32.79	180
PND	PND01	2B2C5h1g	1		HMP	Sandy Loam							0.000		111280			
PND	PND02	2B2C5h1g	1		HMP	Sandy Loam							0.000		112365			
PND	PND03	2B2C5h1g	1		HMP	Sandy Loam							0.000		100988			
PND	PND04	2B2C5h1g	1		HMP	Sandy Loam							0.000		105062			
PND	PND05	2B2C5h1g	1		HMP	Sandy Loam							0.000		108713			
PND	PND06	2B2C5h1g	1		HMP	Sandy Loam							0.000		95762			
PND	PND07	2B2C5h1g	1		HMP	Sandy Loam							0.000		224792			
PND	PND08	2B2C5h1g	1		HMP	Sandy Loam							0.000		91751			
PND	PND09	2B2C5h1g	1		HMP	Sandy Loam							0.000		98458			
PND	PND10	2B2C5h1g	1		HMP	Sandy							0.000		92709			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
						Loam												
PND	PND11	2B2C5h1g		1	HMP	Sandy Loam							0.000		88668			
PND	PND12	2B2C5h1g		1	HMP	Sandy Loam							0.000		122362			
AFF	AFF01	2B2C5h1g		14472									0.000		43416			
AFF	AFF02	2B2C5h1g		3354									0.000		10061			
AFF	AFF03	2B2C5h1g		1220									0.000		3659			
AFF	AFF04	2B2C5h1g		1298									0.000		3893			
AFF	AFF05	2B2C5h1g		1811									0.000		5434			
AFF	AFF06	2B2C5h1g		2817									0.000		8451			
AFF	AFF07	2B2C5h1g		2241									0.000		6724			
AFF	AFF08	2B2C5h1g		1622									0.000		4867			
AFF	AFF09	2B2C5h1g		3607									0.000		10822			
AFF	AFF10	2B2C5h1g		3724									0.000		11173			
AFF	AFF11	2B2C5h1g		4841									0.000		14524			
CB	CB01	2B2C5h2a		207		Sandy Loam	0.45	2.25	0.6	0.81	5486	0	508.089	762	6248	167.298	32.79	55
CB	CB02	2B2C5h2a		276		Sandy Loam	0.45	2.25	0.6	0.81	7334	0	679.307	1019	8353	223.674	32.79	73
CB	CB03	2B2C5h2a		418		Sandy Loam	0.45	2.25	0.6	0.81	11100	0	1028.081	1542	12642	338.515	32.79	111
CB	CB04	2B2C5h2a		292		Sandy Loam	0.45	2.25	0.6	0.81	7746	0	717.461	1076	8822	236.237	32.79	77
CB	CB05	2B2C5h2a		276		Sandy Loam	0.45	2.25	0.6	0.81	7332	0	679.135	1019	8351	223.618	32.79	73
CB	CB06	2B2C5h2a		287		Sandy Loam	0.45	2.25	0.6	0.81	7617	0	705.488	1058	8675	232.295	32.79	76
CB	CB07	2B2C5h2a		345		Sandy Loam	0.45	2.25	0.6	0.81	9153	0	847.766	1272	10425	279.142	32.79	92
CB	CB08	2B2C5h2a		318		Sandy Loam	0.45	2.25	0.6	0.81	8455	0	783.114	1175	9630	257.855	32.79	85
CB	CB09	2B2C5h2a		266		Sandy Loam	0.45	2.25	0.6	0.81	7057	0	653.656	980	8038	215.228	32.79	71

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB10	2B2C5h2a		228		Sandy Loam	0.45	2.25	0.6	0.81	6067	0	561.922	843	6910	185.023	32.79	61
CB	CB11	2B2C5h2a		643		Sandy Loam	0.45	2.25	0.6	0.81	17083	0	1582.277	2373	19457	520.994	32.79	171
CB	CB12	2B2C5h2a		271		Sandy Loam	0.45	2.25	0.6	0.81	7194	0	666.290	999	8193	219.388	32.79	72
CB	CB13	2B2C5h2a		329		Sandy Loam	0.45	2.25	0.6	0.81	8729	0	808.454	1213	9941	266.198	32.79	87
CB	CB14	2B2C5h2a		355		Sandy Loam	0.45	2.25	0.6	0.81	9423	0	872.755	1309	10732	287.370	32.79	94
CB	CB15	2B2C5h2a		246		Sandy Loam	0.45	2.25	0.6	0.81	6534	0	605.149	908	7441	199.256	32.79	65
CB	CB16	2B2C5h2a		561		Sandy Loam	0.45	2.25	0.6	0.81	14901	0	1380.126	2070	16971	454.432	32.79	149
CB	CB17	2B2C5h2a		636		Sandy Loam	0.45	2.25	0.6	0.81	16904	0	1565.682	2349	19253	515.529	32.79	169
CB	CB18	2B2C5h2a		242		Sandy Loam	0.45	2.25	0.6	0.81	6439	0	596.355	895	7333	196.361	32.79	64
CB	CB19	2B2C5h2a		167		Sandy Loam	0.45	2.25	0.6	0.81	4428	0	410.084	615	5043	135.028	32.79	44
CB	CB20	2B2C5h2a		787		Sandy Loam	0.45	2.25	0.6	0.81	20909	0	1936.590	2905	23814	637.658	32.79	209
CB	CB21	2B2C5h2a		429		Sandy Loam	0.45	2.25	0.6	0.81	11402	0	1056.091	1584	12986	347.737	32.79	114
CB	CB22	2B2C5h2a		504		Sandy Loam	0.45	2.25	0.6	0.81	13393	0	1240.506	1861	15254	408.459	32.79	134
CB	CB23	2B2C5h2a		124		Sandy Loam	0.45	2.25	0.6	0.81	3304	0	306.025	459	3763	100.764	32.79	33
CB	CB24	2B2C5h2a		237		Sandy Loam	0.45	2.25	0.6	0.81	6305	0	583.985	876	7181	192.288	32.79	63
CB	CB25	2B2C5h2a		401		Sandy Loam	0.45	2.25	0.6	0.81	10655	0	986.850	1480	12135	324.938	32.79	107
CB	CB26	2B2C5h2a		184		Sandy Loam	0.45	2.25	0.6	0.81	4884	0	452.397	679	5563	148.960	32.79	49
CB	CB27	2B2C5h2a		134		Sandy Loam	0.45	2.25	0.6	0.81	3570	0	330.694	496	4066	108.887	32.79	36
CB	CB28	2B2C5h2a		201		Sandy Loam	0.45	2.25	0.6	0.81	5346	0	495.121	743	6088	163.028	32.79	53

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB29	2B2C5h2a		210		Sandy Loam	0.45	2.25	0.6	0.81	5590	0	517.734	777	6366	170.473	32.79	56
CB	CB30	2B2C5h2a		587		Sandy Loam	0.45	2.25	0.6	0.81	15581	0	1443.094	2165	17745	475.165	32.79	156
CB	CB31	2B2C5h2a		304		Sandy Loam	0.45	2.25	0.6	0.81	8074	0	747.792	1122	9195	246.224	32.79	81
CB	CB32	2B2C5h2a		361		Sandy Loam	0.45	2.25	0.6	0.81	9577	0	886.996	1330	10907	292.060	32.79	96
CB	CB33	2B2C5h2a		270		Sandy Loam	0.45	2.25	0.6	0.81	7178	0	664.857	997	8176	218.916	32.79	72
CB	CB34	2B2C5h2a		508		Sandy Loam	0.45	2.25	0.6	0.81	13498	0	1250.165	1875	15373	411.640	32.79	135
CB	CB35	2B2C5h2a		459		Sandy Loam	0.45	2.25	0.6	0.81	12191	0	1129.117	1694	13884	371.782	32.79	122
CB	CB36	2B2C5h2a		247		Sandy Loam	0.45	2.25	0.6	0.81	6558	0	607.422	911	7469	200.005	32.79	66
CB	CB37	2B2C5h2a		241		Sandy Loam	0.45	2.25	0.6	0.81	6402	0	592.958	889	7291	195.242	32.79	64
CB	CB38	2B2C5h2a		111		Sandy Loam	0.45	2.25	0.6	0.81	2948	0	273.064	410	3358	89.911	32.79	29
CB	CB39	2B2C5h2a		178		Sandy Loam	0.45	2.25	0.6	0.81	4735	0	438.525	658	5392	144.392	32.79	47
CB	CB40	2B2C5h2a		164		Sandy Loam	0.45	2.25	0.6	0.81	4361	0	403.954	606	4967	133.009	32.79	44
CB	CB41	2B2C5h2a		168		Sandy Loam	0.45	2.25	0.6	0.81	4466	0	413.688	621	5087	136.214	32.79	45
CB	CB42	2B2C5h2a		213		Sandy Loam	0.45	2.25	0.6	0.81	5665	0	524.671	787	6452	172.758	32.79	57
CB	CB43	2B2C5h2a		230		Sandy Loam	0.45	2.25	0.6	0.81	6107	0	565.625	848	6955	186.242	32.79	61
CB	CB44	2B2C5h2a		239		Sandy Loam	0.45	2.25	0.6	0.81	6337	0	586.935	880	7217	193.259	32.79	63
CB	CB45	2B2C5h2a		214		Sandy Loam	0.45	2.25	0.6	0.81	5684	0	526.448	790	6474	173.343	32.79	57
ECD	ECD01	2B2C5h2a	1	72	MSN	Sandy Loam	3	15	3	27	101797	15000	1183.928	1776	118573	1946.776	52.29	1018
ECD	ECD02	2B2C5h2a	1	98	MSN	Sandy Loam	3	15	3	27	138039	15000	1605.439	2408	155448	2639.882	52.29	1380

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
MB	MB01	2B2C5h2a	2	530	CHT	Sandy Loam	0.6	3.6	1	2.1	36464	20000	2028.156	3042	59506	1112.044	32.79	365
MB	MB02	2B2C5h2a	1	220	CHT	Sandy Loam	0.6	3.6	1	2.1	15133	10000	841.704	1263	26395	461.509	32.79	151
MB	MB03	2B2C5h2a	2	545	CHT	Sandy Loam	0.6	3.6	1	2.1	37534	20000	2087.682	3132	60666	1144.682	32.79	375
MB	MB04	2B2C5h2a	2	544	CHT	Sandy Loam	0.6	3.6	1	2.1	37429	20000	2081.846	3123	60552	1141.482	32.79	374
MB	MB05	2B2C5h2a	4	662	CHT	Sandy Loam	0.6	3.6	1	2.1	45554	40000	2533.732	3801	89354	1389.252	32.79	456
MB	MB06	2B2C5h2a	2	304	CHT	Sandy Loam	0.6	3.6	1	2.1	20951	20000	1165.289	1748	42698	638.931	32.79	210
MB	MB07	2B2C5h2a	4	643	CHT	Sandy Loam	0.6	3.6	1	2.1	44261	40000	2461.860	3693	87954	1349.845	32.79	443
MB	MB08	2B2C5h2a	2	307	CHT	Sandy Loam	0.6	3.6	1	2.1	21131	20000	1175.349	1763	42894	644.447	32.79	211
MB	MB09	2B2C5h2a	2	513	CHT	Sandy Loam	0.6	3.6	1	2.1	35329	20000	1965.028	2948	58276	1077.431	32.79	353
MB	MB10	2B2C5h2a	1	137	CHT	Sandy Loam	0.6	3.6	1	2.1	9424	10000	524.162	786	20210	287.399	32.79	94
MB	MB11	2B2C5h2a	2	280	CHT	Sandy Loam	0.6	3.6	1	2.1	19310	20000	1074.019	1611	40921	588.887	32.79	193
MB	MB12	2B2C5h2a	6	649	CHT	Sandy Loam	0.6	3.6	1	2.1	44683	60000	2485.299	3728	108411	1362.697	32.79	447
MB	MB13	2B2C5h2a	1	211	CHT	Sandy Loam	0.6	3.6	1	2.1	14504	10000	806.731	1210	25714	442.333	32.79	145
MB	MB14	2B2C5h2a	1	211	CHT	Sandy Loam	0.6	3.6	1	2.1	14542	10000	808.821	1213	25755	443.479	32.79	145
MB	MB15	2B2C5h2a	1	240	CHT	Sandy Loam	0.6	3.6	1	2.1	16532	10000	919.528	1379	27911	504.180	32.79	165
MB	MB16	2B2C5h2a	1	246	CHT	Sandy Loam	0.6	3.6	1	2.1	16919	10000	941.039	1412	28330	515.974	32.79	169
MB	MB17	2B2C5h2a	1	176	CHT	Sandy Loam	0.6	3.6	1	2.1	12152	10000	675.907	1014	23166	370.602	32.79	122
MB	MB18	2B2C5h2a	1	74	CHT	Sandy Loam	0.6	3.6	1	2.1	5095	10000	283.401	425	15520	155.390	32.79	51
MB	MB19	2B2C5h2a	2	435	CHT	Sandy Loam	0.6	3.6	1	2.1	29928	20000	1664.622	2497	52425	912.717	32.79	299

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
MB	MB20	2B2C5h2a	1	237	CHT	Sandy Loam	0.6	3.6	1	2.1	16297	10000	906.454	1360	27657	497.011	32.79	163
MB	MB21	2B2C5h2a	2	318	CHT	Sandy Loam	0.6	3.6	1	2.1	21883	20000	1217.131	1826	43708	667.356	32.79	219
MB	MB22	2B2C5h2a	2	287	CHT	Sandy Loam	0.6	3.6	1	2.1	19752	20000	1098.631	1648	41400	602.383	32.79	198
MB	MB23	2B2C5h2a	1	103	CHT	Sandy Loam	0.6	3.6	1	2.1	7064	10000	392.886	589	17653	215.420	32.79	71
MB	MB24	2B2C5h2a	2	280	CHT	Sandy Loam	0.6	3.6	1	2.1	19270	20000	1071.825	1608	40878	587.685	32.79	193
MB	MB25	2B2C5h2a	1	167	CHT	Sandy Loam	0.6	3.6	1	2.1	11475	10000	638.228	957	22432	349.942	32.79	115
MB	MB26	2B2C5h2a	1	119	CHT	Sandy Loam	0.6	3.6	1	2.1	8204	10000	456.310	684	18888	250.196	32.79	82
MB	MB27	2B2C5h2a	1	220	CHT	Sandy Loam	0.6	3.6	1	2.1	15115	10000	840.705	1261	26376	460.961	32.79	151
MB	MB28	2B2C5h2a	1	184	CHT	Sandy Loam	0.6	3.6	1	2.1	12654	10000	703.825	1056	23710	385.909	32.79	127
WHD	WHD01	2B2C5h2a	4	405	HMP	Sandy Loam	3	15	3	27	514687	160000	6651.213	9977	684664	10936.830	47.06	5147
PND	PND01	2B2C5h2a	1		HMP	Sandy Loam							0.000		82973			
PND	PND02	2B2C5h2a	1		HMP	Sandy Loam							0.000		97193			
PND	PND03	2B2C5h2a	1		HMP	Sandy Loam							0.000		115171			
PND	PND04	2B2C5h2a	1		HMP	Sandy Loam							0.000		98693			
AFF	AFF01	2B2C5h2a		2073									0.000		6220			
AFF	AFF02	2B2C5h2a		1896									0.000		5689			
AFF	AFF03	2B2C5h2a		1624									0.000		4872			
AFF	AFF04	2B2C5h2a		1499									0.000		4496			
AFF	AFF05	2B2C5h2a		2478									0.000		7434			
AFF	AFF06	2B2C5h2a		1056									0.000		3169			
AFF	AFF07	2B2C5h2a		1154									0.000		3462			
AFF	AFF08	2B2C5h2a		3663									0.000		10988			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
AFF	AFF09	2B2C5h2a		2990									0.000		8971			
AFF	AFF10	2B2C5h2a		3457									0.000		10371			
CB	CB01	2B2C5h2b		256		Sandy Loam	0.45	2.25	0.6	0.81	6794	0	629.231	944	7737	207.186	32.79	68
CB	CB02	2B2C5h2b		341		Sandy Loam	0.45	2.25	0.6	0.81	9059	0	839.061	1259	10318	276.276	32.79	91
CB	CB03	2B2C5h2b		277		Sandy Loam	0.45	2.25	0.6	0.81	7366	0	682.286	1023	8390	224.655	32.79	74
CB	CB04	2B2C5h2b		124		Sandy Loam	0.45	2.25	0.6	0.81	3293	0	305.031	458	3751	100.437	32.79	33
CB	CB05	2B2C5h2b		191		Sandy Loam	0.45	2.25	0.6	0.81	5064	0	468.999	703	5767	154.426	32.79	51
CB	CB06	2B2C5h2b		293		Sandy Loam	0.45	2.25	0.6	0.81	7771	0	719.736	1080	8850	236.986	32.79	78
CB	CB07	2B2C5h2b		125		Sandy Loam	0.45	2.25	0.6	0.81	3324	0	307.873	462	3786	101.373	32.79	33
CB	CB08	2B2C5h2b		232		Sandy Loam	0.45	2.25	0.6	0.81	6155	0	570.049	855	7010	187.699	32.79	62
CB	CB09	2B2C5h2b		178		Sandy Loam	0.45	2.25	0.6	0.81	4730	0	438.117	657	5387	144.258	32.79	47
CB	CB10	2B2C5h2b		227		Sandy Loam	0.45	2.25	0.6	0.81	6021	0	557.690	837	6858	183.630	32.79	60
CB	CB11	2B2C5h2b		138		Sandy Loam	0.45	2.25	0.6	0.81	3652	0	338.265	507	4160	111.380	32.79	37
CB	CB12	2B2C5h2b		221		Sandy Loam	0.45	2.25	0.6	0.81	5868	0	543.485	815	6683	178.952	32.79	59
CB	CB13	2B2C5h2b		128		Sandy Loam	0.45	2.25	0.6	0.81	3393	0	314.256	471	3864	103.474	32.79	34
CB	CB14	2B2C5h2b		226		Sandy Loam	0.45	2.25	0.6	0.81	5991	0	554.869	832	6823	182.701	32.79	60
CB	CB15	2B2C5h2b		159		Sandy Loam	0.45	2.25	0.6	0.81	4223	0	391.115	587	4809	128.782	32.79	42
CB	CB16	2B2C5h2b		290		Sandy Loam	0.45	2.25	0.6	0.81	7715	0	714.541	1072	8787	235.276	32.79	77
CB	CB17	2B2C5h2b		208		Sandy Loam	0.45	2.25	0.6	0.81	5525	0	511.688	768	6292	168.483	32.79	55
CB	CB18	2B2C5h2b		165		Sandy Loam	0.45	2.25	0.6	0.81	4378	0	405.462	608	4986	133.506	32.79	44

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB19	2B2C5h2b		364		Sandy Loam	0.45	2.25	0.6	0.81	9664	0	895.109	1343	11007	294.731	32.79	97
CB	CB20	2B2C5h2b		192		Sandy Loam	0.45	2.25	0.6	0.81	5102	0	472.577	709	5811	155.605	32.79	51
CB	CB21	2B2C5h2b		213		Sandy Loam	0.45	2.25	0.6	0.81	5648	0	523.158	785	6433	172.259	32.79	56
CB	CB22	2B2C5h2b		156		Sandy Loam	0.45	2.25	0.6	0.81	4137	0	383.162	575	4712	126.163	32.79	41
CB	CB23	2B2C5h2b		570		Sandy Loam	0.45	2.25	0.6	0.81	15130	0	1401.320	2102	17232	461.410	32.79	151
CB	CB24	2B2C5h2b		233		Sandy Loam	0.45	2.25	0.6	0.81	6192	0	573.509	860	7052	188.838	32.79	62
CB	CB25	2B2C5h2b		494		Sandy Loam	0.45	2.25	0.6	0.81	13108	0	1214.090	1821	14929	399.761	32.79	131
CB	CB26	2B2C5h2b		368		Sandy Loam	0.45	2.25	0.6	0.81	9768	0	904.748	1357	11125	297.905	32.79	98
CB	CB27	2B2C5h2b		252		Sandy Loam	0.45	2.25	0.6	0.81	6681	0	618.816	928	7609	203.757	32.79	67
CB	CB28	2B2C5h2b		260		Sandy Loam	0.45	2.25	0.6	0.81	6912	0	640.236	960	7873	210.809	32.79	69
CB	CB29	2B2C5h2b		102		Sandy Loam	0.45	2.25	0.6	0.81	2719	0	251.810	378	3096	82.913	32.79	27
CB	CB30	2B2C5h2b		331		Sandy Loam	0.45	2.25	0.6	0.81	8797	0	814.805	1222	10019	268.289	32.79	88
CB	CB31	2B2C5h2b		373		Sandy Loam	0.45	2.25	0.6	0.81	9905	0	917.397	1376	11281	302.070	32.79	99
CB	CB32	2B2C5h2b		430		Sandy Loam	0.45	2.25	0.6	0.81	11418	0	1057.585	1586	13005	348.229	32.79	114
CB	CB33	2B2C5h2b		204		Sandy Loam	0.45	2.25	0.6	0.81	5420	0	502.022	753	6173	165.300	32.79	54
CB	CB34	2B2C5h2b		562		Sandy Loam	0.45	2.25	0.6	0.81	14937	0	1383.480	2075	17012	455.536	32.79	149
CB	CB35	2B2C5h2b		255		Sandy Loam	0.45	2.25	0.6	0.81	6782	0	628.143	942	7724	206.827	32.79	68
CB	CB36	2B2C5h2b		571		Sandy Loam	0.45	2.25	0.6	0.81	15160	0	1404.138	2106	17266	462.338	32.79	152
CB	CB37	2B2C5h2b		334		Sandy Loam	0.45	2.25	0.6	0.81	8866	0	821.133	1232	10097	270.373	32.79	89

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB38	2B2C5h2b		612		Sandy Loam	0.45	2.25	0.6	0.81	16246	0	1504.701	2257	18503	495.450	32.79	162
CB	CB39	2B2C5h2b		224		Sandy Loam	0.45	2.25	0.6	0.81	5949	0	550.993	826	6775	181.424	32.79	59
CB	CB40	2B2C5h2b		217		Sandy Loam	0.45	2.25	0.6	0.81	5751	0	532.665	799	6550	175.390	32.79	58
CB	CB41	2B2C5h2b		273		Sandy Loam	0.45	2.25	0.6	0.81	7239	0	670.485	1006	8245	220.769	32.79	72
CB	CB42	2B2C5h2b		317		Sandy Loam	0.45	2.25	0.6	0.81	8419	0	779.769	1170	9589	256.753	32.79	84
CB	CB43	2B2C5h2b		223		Sandy Loam	0.45	2.25	0.6	0.81	5926	0	548.900	823	6750	180.736	32.79	59
CB	CB44	2B2C5h2b		228		Sandy Loam	0.45	2.25	0.6	0.81	6057	0	560.990	841	6898	184.716	32.79	61
CB	CB45	2B2C5h2b		680		Sandy Loam	0.45	2.25	0.6	0.81	18048	0	1671.645	2507	20556	550.420	32.79	180
CB	CB46	2B2C5h2b		315		Sandy Loam	0.45	2.25	0.6	0.81	8371	0	775.288	1163	9533	255.278	32.79	84
CB	CB47	2B2C5h2b		860		Sandy Loam	0.45	2.25	0.6	0.81	22851	0	2116.449	3175	26025	696.880	32.79	229
CB	CB48	2B2C5h2b		126		Sandy Loam	0.45	2.25	0.6	0.81	3351	0	310.355	466	3816	102.190	32.79	34
CB	CB49	2B2C5h2b		147		Sandy Loam	0.45	2.25	0.6	0.81	3911	0	362.280	543	4455	119.287	32.79	39
CB	CB50	2B2C5h2b		311		Sandy Loam	0.45	2.25	0.6	0.81	8248	0	763.896	1146	9393	251.527	32.79	82
CB	CB51	2B2C5h2b		180		Sandy Loam	0.45	2.25	0.6	0.81	4786	0	443.245	665	5450	145.946	32.79	48
CRB	CRB01	2B2C5h2b	1	588	HMP	Sandy Loam	2	3.5	0.6	1.65	31822	30000	3687.831	5532	67354	970.482	32.79	318
CRB	CRB02	2B2C5h2b	0	2	HMP	Sandy Loam	2	3.5	0.6	1.65	114	0	13.154	20	133	3.462	32.79	1
CRB	CRB03	2B2C5h2b	1	424		Sandy Loam	2	3.5	0.6	1.65	22957	0	2660.428	3991	26947	700.113	32.79	230
CRB	CRB04	2B2C5h2b	1	384		Sandy Loam	2	3.5	0.6	1.65	20798	0	2410.230	3615	24413	634.271	32.79	208
MB	MB01	2B2C5h2b	2	344	CHT	Sandy Loam	0.6	3.6	1	2.1	23710	20000	1318.753	1978	45688	723.076	32.79	237

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
MB	MB02	2B2C5h2b	2	400	CHT	Sandy Loam	0.6	3.6	1	2.1	27513	20000	1530.303	2295	49809	839.070	32.79	275
MB	MB03	2B2C5h2b	3	569	CHT	Sandy Loam	0.6	3.6	1	2.1	39188	30000	2179.692	3270	72458	1195.132	32.79	392
PB	PB01	2B2C5h2b	1	70	CHT	Sandy Loam	0.6	3.6	1	2.1	4798	10000	266.877	400	15198	146.329	32.79	48
PB	PB02	2B2C5h2b	1	57	CHT	Sandy Loam	0.6	3.6	1	2.1	3913	10000	217.636	326	14239	119.331	32.79	39
PB	PB03	2B2C5h2b	1	63	CHT	Sandy Loam	0.6	3.6	1	2.1	4367	10000	242.924	364	14732	133.196	32.79	44
PB	PB04	2B2C5h2b	1	62	CHT	Sandy Loam	0.6	3.6	1	2.1	4273	10000	237.664	356	14629	130.312	32.79	43
PB	PB05	2B2C5h2b	1	64	CHT	Sandy Loam	0.6	3.6	1	2.1	4409	10000	245.232	368	14777	134.461	32.79	44
PB	PB06	2B2C5h2b	1	74	CHT	Sandy Loam	0.6	3.6	1	2.1	5093	10000	283.282	425	15518	155.325	32.79	51
PB	PB07	2B2C5h2b	1	105	CHT	Sandy Loam	0.6	3.6	1	2.1	7196	10000	400.249	600	17796	219.457	32.79	72
PB	PB08	2B2C5h2b	1	109	CHT	Sandy Loam	0.6	3.6	1	2.1	7482	10000	416.146	624	18106	228.174	32.79	75
PB	PB09	2B2C5h2b	1	72	CHT	Sandy Loam	0.6	3.6	1	2.1	4964	10000	276.123	414	15379	151.399	32.79	50
PB	PB10	2B2C5h2b	1	67	CHT	Sandy Loam	0.6	3.6	1	2.1	4641	10000	258.116	387	15028	141.526	32.79	46
PB	PB11	2B2C5h2b	1	92	CHT	Sandy Loam	0.6	3.6	1	2.1	6329	10000	352.050	528	16858	193.030	32.79	63
PB	PB12	2B2C5h2b	1	95	CHT	Sandy Loam	0.6	3.6	1	2.1	6517	10000	362.458	544	17060	198.737	32.79	65
PB	PB13	2B2C5h2b	1	106	CHT	Sandy Loam	0.6	3.6	1	2.1	7280	10000	404.903	607	17887	222.009	32.79	73
PB	PB14	2B2C5h2b	1	103	CHT	Sandy Loam	0.6	3.6	1	2.1	7063	10000	392.834	589	17652	215.392	32.79	71
PB	PB15	2B2C5h2b	1	92	CHT	Sandy Loam	0.6	3.6	1	2.1	6335	10000	352.385	529	16864	193.214	32.79	63
PB	PB16	2B2C5h2b	1	86	CHT	Sandy Loam	0.6	3.6	1	2.1	5952	10000	331.035	497	16448	181.508	32.79	60
PB	PB17	2B2C5h2b	1	75	CHT	Sandy Loam	0.6	3.6	1	2.1	5143	10000	286.059	429	15572	156.847	32.79	51

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays	
PB	PB18	2B2C5h2b		1	69	CHT	Sandy Loam	0.6	3.6	1	2.1	4783	10000	266.033	399	15182	145.867	32.79	48
WHB	WHB01	2B2C5h2b		1	123	HMP	Sandy Loam	3	15	3	27	155706	40000	2012.159	3018	198724	3308.666	47.06	1557
PND	PND01	2B2C5h2b		1		HMP	Sandy Loam							0.000		90238			
PND	PND02	2B2C5h2b		1		HMP	Sandy Loam							0.000		132874			
PND	PND03	2B2C5h2b		1		HMP	Sandy Loam							0.000		101528			
PND	PND04	2B2C5h2b		1		HMP	Sandy Loam							0.000		92159			
PND	PND05	2B2C5h2b		1		HMP	Sandy Loam							0.000		102451			
PND	PND06	2B2C5h2b		1		HMP	Sandy Loam							0.000		90408			
AFF	AFF01	2B2C5h2b		0	262		Sandy Loam					0	0	0.000	0	0			
AFF	AFF01	2B2C5h2b			3814									0.000		11441			
AFF	AFF01	2B2C5h2b			262									0.000		3150			
AFF	AFF02	2B2C5h2b			4274									0.000		12823			
AFF	AFF03	2B2C5h2b			4426									0.000		13277			
AFF	AFF04	2B2C5h2b			8541									0.000		25624			
AFF	AFF05	2B2C5h2b			1900									0.000		5700			
AFF	AFF06	2B2C5h2b			3732									0.000		11195			
AFF	AFF07	2B2C5h2b			4172									0.000		12515			
AFF	AFF08	2B2C5h2b			4550									0.000		13650			
CB	CB01	2B2C5h2c			152		Sandy Loam	0.45	2.25	0.6	0.81	4045	0	374.646	562	4607	123.359	32.79	40
CB	CB02	2B2C5h2c			279		Sandy Loam	0.45	2.25	0.6	0.81	7400	0	685.349	1028	8428	225.664	32.79	74
CB	CB03	2B2C5h2c			295		Sandy Loam	0.45	2.25	0.6	0.81	7839	0	726.089	1089	8929	239.078	32.79	78
CB	CB04	2B2C5h2c			99		Sandy Loam	0.45	2.25	0.6	0.81	2640	0	244.546	367	3007	80.521	32.79	26

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB05	2B2C5h2c		154		Sandy Loam	0.45	2.25	0.6	0.81	4090	0	378.816	568	4658	124.732	32.79	41
CB	CB06	2B2C5h2c		189		Sandy Loam	0.45	2.25	0.6	0.81	5027	0	465.633	698	5726	153.318	32.79	50
CB	CB07	2B2C5h2c		241		Sandy Loam	0.45	2.25	0.6	0.81	6401	0	592.828	889	7290	195.199	32.79	64
CB	CB08	2B2C5h2c		826		Sandy Loam	0.45	2.25	0.6	0.81	21942	0	2032.275	3048	24990	669.164	32.79	219
CB	CB09	2B2C5h2c		125		Sandy Loam	0.45	2.25	0.6	0.81	3321	0	307.625	461	3783	101.291	32.79	33
CB	CB10	2B2C5h2c		201		Sandy Loam	0.45	2.25	0.6	0.81	5328	0	493.482	740	6068	162.488	32.79	53
CB	CB11	2B2C5h2c		296		Sandy Loam	0.45	2.25	0.6	0.81	7855	0	727.558	1091	8947	239.562	32.79	79
CB	CB12	2B2C5h2c		86		Sandy Loam	0.45	2.25	0.6	0.81	2294	0	212.510	319	2613	69.973	32.79	23
CB	CB13	2B2C5h2c		216		Sandy Loam	0.45	2.25	0.6	0.81	5748	0	532.406	799	6547	175.305	32.79	57
CB	CB14	2B2C5h2c		403		Sandy Loam	0.45	2.25	0.6	0.81	10703	0	991.276	1487	12189	326.396	32.79	107
CB	CB15	2B2C5h2c		133		Sandy Loam	0.45	2.25	0.6	0.81	3526	0	326.571	490	4016	107.529	32.79	35
CB	CB16	2B2C5h2c		127		Sandy Loam	0.45	2.25	0.6	0.81	3370	0	312.108	468	3838	102.767	32.79	34
CB	CB17	2B2C5h2c		372		Sandy Loam	0.45	2.25	0.6	0.81	9874	0	914.515	1372	11246	301.121	32.79	99
CB	CB18	2B2C5h2c		190		Sandy Loam	0.45	2.25	0.6	0.81	5054	0	468.138	702	5757	154.143	32.79	51
CB	CB19	2B2C5h2c		127		Sandy Loam	0.45	2.25	0.6	0.81	3379	0	312.954	469	3848	103.046	32.79	34
CB	CB20	2B2C5h2c		115		Sandy Loam	0.45	2.25	0.6	0.81	3060	0	283.425	425	3485	93.323	32.79	31
CB	CB21	2B2C5h2c		177		Sandy Loam	0.45	2.25	0.6	0.81	4691	0	434.464	652	5342	143.055	32.79	47
CB	CB22	2B2C5h2c		231		Sandy Loam	0.45	2.25	0.6	0.81	6148	0	569.471	854	7003	187.509	32.79	61
CB	CB23	2B2C5h2c		124		Sandy Loam	0.45	2.25	0.6	0.81	3302	0	305.838	459	3761	100.703	32.79	33

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB24	2B2C5h2c		138		Sandy Loam	0.45	2.25	0.6	0.81	3652	0	338.256	507	4159	111.377	32.79	37
CB	CB25	2B2C5h2c		262		Sandy Loam	0.45	2.25	0.6	0.81	6954	0	644.047	966	7920	212.064	32.79	70
CB	CB26	2B2C5h2c		197		Sandy Loam	0.45	2.25	0.6	0.81	5231	0	484.523	727	5958	159.538	32.79	52
CB	CB27	2B2C5h2c		80		Sandy Loam	0.45	2.25	0.6	0.81	2128	0	197.091	296	2424	64.896	32.79	21
CB	CB28	2B2C5h2c		208		Sandy Loam	0.45	2.25	0.6	0.81	5516	0	510.896	766	6282	168.222	32.79	55
CB	CB29	2B2C5h2c		95		Sandy Loam	0.45	2.25	0.6	0.81	2512	0	232.673	349	2861	76.612	32.79	25
CB	CB30	2B2C5h2c		151		Sandy Loam	0.45	2.25	0.6	0.81	4001	0	370.582	556	4557	122.021	32.79	40
CB	CB31	2B2C5h2c		472		Sandy Loam	0.45	2.25	0.6	0.81	12527	0	1160.281	1740	14268	382.044	32.79	125
CB	CB32	2B2C5h2c		427		Sandy Loam	0.45	2.25	0.6	0.81	11334	0	1049.763	1575	12909	345.654	32.79	113
CB	CB33	2B2C5h2c		162		Sandy Loam	0.45	2.25	0.6	0.81	4291	0	397.398	596	4887	130.851	32.79	43
CB	CB34	2B2C5h2c		114		Sandy Loam	0.45	2.25	0.6	0.81	3041	0	281.633	422	3463	92.733	32.79	30
CB	CB35	2B2C5h2c		128		Sandy Loam	0.45	2.25	0.6	0.81	3409	0	315.730	474	3882	103.960	32.79	34
CB	CB36	2B2C5h2c		789		Sandy Loam	0.45	2.25	0.6	0.81	20953	0	1940.695	2911	23864	639.009	32.79	210
CB	CB37	2B2C5h2c		478		Sandy Loam	0.45	2.25	0.6	0.81	12707	0	1176.899	1765	14472	387.516	32.79	127
CB	CB38	2B2C5h2c		291		Sandy Loam	0.45	2.25	0.6	0.81	7739	0	716.803	1075	8814	236.021	32.79	77
CB	CB39	2B2C5h2c		455		Sandy Loam	0.45	2.25	0.6	0.81	12073	0	1118.200	1677	13750	368.188	32.79	121
CB	CB40	2B2C5h2c		625		Sandy Loam	0.45	2.25	0.6	0.81	16610	0	1538.399	2308	18917	506.546	32.79	166
CB	CB41	2B2C5h2c		232		Sandy Loam	0.45	2.25	0.6	0.81	6166	0	571.143	857	7023	188.059	32.79	62
CB	CB42	2B2C5h2c		191		Sandy Loam	0.45	2.25	0.6	0.81	5083	0	470.833	706	5790	155.030	32.79	51

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB43	2B2C5h2c		149		Sandy Loam	0.45	2.25	0.6	0.81	3952	0	366.007	549	4501	120.514	32.79	40
CB	CB44	2B2C5h2c		135		Sandy Loam	0.45	2.25	0.6	0.81	3594	0	332.897	499	4094	109.613	32.79	36
CB	CB45	2B2C5h2c		613		Sandy Loam	0.45	2.25	0.6	0.81	16287	0	1508.493	2263	18549	496.699	32.79	163
CB	CB46	2B2C5h2c		319		Sandy Loam	0.45	2.25	0.6	0.81	8483	0	785.732	1179	9662	258.717	32.79	85
CB	CB47	2B2C5h2c		168		Sandy Loam	0.45	2.25	0.6	0.81	4459	0	413.018	620	5079	135.994	32.79	45
CB	CB48	2B2C5h2c		160		Sandy Loam	0.45	2.25	0.6	0.81	4241	0	392.791	589	4830	129.333	32.79	42
CB	CB49	2B2C5h2c		364		Sandy Loam	0.45	2.25	0.6	0.81	9656	0	894.324	1341	10997	294.472	32.79	97
CB	CB50	2B2C5h2c		224		Sandy Loam	0.45	2.25	0.6	0.81	5938	0	549.997	825	6763	181.097	32.79	59
CB	CB51	2B2C5h2c		175		Sandy Loam	0.45	2.25	0.6	0.81	4653	0	430.971	646	5300	141.905	32.79	47
CB	CB52	2B2C5h2c		138		Sandy Loam	0.45	2.25	0.6	0.81	3678	0	340.633	511	4189	112.160	32.79	37
CB	CB53	2B2C5h2c		328		Sandy Loam	0.45	2.25	0.6	0.81	8704	0	806.138	1209	9913	265.436	32.79	87
CB	CB54	2B2C5h2c		387		Sandy Loam	0.45	2.25	0.6	0.81	10288	0	952.875	1429	11717	313.752	32.79	103
CB	CB55	2B2C5h2c		200		Sandy Loam	0.45	2.25	0.6	0.81	5304	0	491.248	737	6041	161.752	32.79	53
CB	CB56	2B2C5h2c		296		Sandy Loam	0.45	2.25	0.6	0.81	7871	0	728.976	1093	8964	240.029	32.79	79
CB	CB57	2B2C5h2c		128		Sandy Loam	0.45	2.25	0.6	0.81	3410	0	315.850	474	3884	103.999	32.79	34
CB	CB58	2B2C5h2c		333		Sandy Loam	0.45	2.25	0.6	0.81	8837	0	818.527	1228	10065	269.515	32.79	88
CB	CB59	2B2C5h2c		337		Sandy Loam	0.45	2.25	0.6	0.81	8942	0	828.194	1242	10184	272.698	32.79	89
CB	CB60	2B2C5h2c		207		Sandy Loam	0.45	2.25	0.6	0.81	5508	0	510.200	765	6274	167.993	32.79	55
CB	CB61	2B2C5h2c		330		Sandy Loam	0.45	2.25	0.6	0.81	8773	0	812.536	1219	9992	267.542	32.79	88

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB62	2B2C5h2c		127		Sandy Loam	0.45	2.25	0.6	0.81	3376	0	312.706	469	3845	102.964	32.79	34
CB	CB63	2B2C5h2c		334		Sandy Loam	0.45	2.25	0.6	0.81	8880	0	822.487	1234	10114	270.819	32.79	89
CB	CB64	2B2C5h2c		436		Sandy Loam	0.45	2.25	0.6	0.81	11583	0	1072.810	1609	13192	353.242	32.79	116
CB	CB65	2B2C5h2c		581		Sandy Loam	0.45	2.25	0.6	0.81	15442	0	1430.216	2145	17587	470.925	32.79	154
CB	CB66	2B2C5h2c		277		Sandy Loam	0.45	2.25	0.6	0.81	7351	0	680.829	1021	8372	224.176	32.79	74
CB	CB67	2B2C5h2c		435		Sandy Loam	0.45	2.25	0.6	0.81	11564	0	1071.051	1607	13170	352.663	32.79	116
CB	CB68	2B2C5h2c		65		Sandy Loam	0.45	2.25	0.6	0.81	1734	0	160.601	241	1975	52.881	32.79	17
CB	CB69	2B2C5h2c		336		Sandy Loam	0.45	2.25	0.6	0.81	8925	0	826.680	1240	10165	272.199	32.79	89
CB	CB70	2B2C5h2c		157		Sandy Loam	0.45	2.25	0.6	0.81	4163	0	385.593	578	4742	126.964	32.79	42
CB	CB71	2B2C5h2c		204		Sandy Loam	0.45	2.25	0.6	0.81	5414	0	501.420	752	6166	165.102	32.79	54
CB	CB72	2B2C5h2c		589		Sandy Loam	0.45	2.25	0.6	0.81	15640	0	1448.566	2173	17813	476.967	32.79	156
CB	CB73	2B2C5h2c		292		Sandy Loam	0.45	2.25	0.6	0.81	7767	0	719.370	1079	8846	236.866	32.79	78
CB	CB74	2B2C5h2c		543		Sandy Loam	0.45	2.25	0.6	0.81	14411	0	1334.760	2002	16413	439.494	32.79	144
CB	CB75	2B2C5h2c		368		Sandy Loam	0.45	2.25	0.6	0.81	9761	0	904.112	1356	11118	297.695	32.79	98
CB	CB76	2B2C5h2c		297		Sandy Loam	0.45	2.25	0.6	0.81	7897	0	731.444	1097	8994	240.841	32.79	79
CB	CB77	2B2C5h2c		215		Sandy Loam	0.45	2.25	0.6	0.81	5708	0	528.689	793	6501	174.081	32.79	57
CB	CB78	2B2C5h2c		323		Sandy Loam	0.45	2.25	0.6	0.81	8592	0	795.775	1194	9785	262.024	32.79	86
CB	CB79	2B2C5h2c		610		Sandy Loam	0.45	2.25	0.6	0.81	16207	0	1501.065	2252	18458	494.253	32.79	162
CB	CB80	2B2C5h2c		644		Sandy Loam	0.45	2.25	0.6	0.81	17107	0	1584.419	2377	19483	521.699	32.79	171

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB81	2B2C5h2c		345		Sandy Loam	0.45	2.25	0.6	0.81	9159	0	848.323	1272	10432	279.326	32.79	92
CB	CB82	2B2C5h2c		434		Sandy Loam	0.45	2.25	0.6	0.81	11529	0	1067.846	1602	13131	351.608	32.79	115
CB	CB83	2B2C5h2c		590		Sandy Loam	0.45	2.25	0.6	0.81	15659	0	1450.363	2176	17835	477.559	32.79	157
CB	CB84	2B2C5h2c		292		Sandy Loam	0.45	2.25	0.6	0.81	7768	0	719.438	1079	8847	236.888	32.79	78
CB	CB85	2B2C5h2c		150		Sandy Loam	0.45	2.25	0.6	0.81	3988	0	369.398	554	4542	121.631	32.79	40
CB	CB86	2B2C5h2c		144		Sandy Loam	0.45	2.25	0.6	0.81	3815	0	353.303	530	4344	116.331	32.79	38
CB	CB87	2B2C5h2c		142		Sandy Loam	0.45	2.25	0.6	0.81	3762	0	348.480	523	4285	114.743	32.79	38
CB	CB88	2B2C5h2c		250		Sandy Loam	0.45	2.25	0.6	0.81	6628	0	613.859	921	7548	202.124	32.79	66
CB	CB89	2B2C5h2c		167		Sandy Loam	0.45	2.25	0.6	0.81	4437	0	410.927	616	5053	135.305	32.79	44
CB	CB90	2B2C5h2c		162		Sandy Loam	0.45	2.25	0.6	0.81	4310	0	399.200	599	4909	131.444	32.79	43
CB	CB91	2B2C5h2c		230		Sandy Loam	0.45	2.25	0.6	0.81	6097	0	564.742	847	6944	185.952	32.79	61
CRB	CRB01	2B2C5h2c	2	162	HMP	Sandy Loam	2	3.5	0.6	1.65	8778	60000	1017.262	1526	70304	267.700	32.79	88
CRB	CRB02	2B2C5h2c	3	289	HMP	Sandy Loam	2	3.5	0.6	1.65	15640	90000	1812.535	2719	108359	476.983	32.79	156
CRB	CRB03	2B2C5h2c	3	322	HMP	Sandy Loam	2	3.5	0.6	1.65	17441	90000	2021.217	3032	110473	531.899	32.79	174
CRB	CRB04	2B2C5h2c	1	57	HMP	Sandy Loam	2	3.5	0.6	1.65	3110	30000	360.446	541	33651	94.854	32.79	31
CRB	CRB05	2B2C5h2c	6	640	HMP	Sandy Loam	2	3.5	0.6	1.65	34629	180000	4013.077	6020	220648	1056.073	32.79	346
ECD	ECD01	2B2C5h2c	1	49	MSN	Sandy Loam	3	15	3	27	69779	15000	811.552	1217	85996	1334.464	52.29	698
ECD	ECD02	2B2C5h2c	1	62	MSN	Sandy Loam	3	15	3	27	87482	15000	1017.437	1526	104008	1673.009	52.29	875
MB	MB01	2B2C5h2c	4	854	CHT	Sandy Loam	0.6	3.6	1	2.1	58817	40000	3271.471	4907	103724	1793.757	32.79	588

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
MB	MB02	2B2C5h2c	6	284	CHT	Sandy Loam	0.6	3.6	1	2.1	19550	60000	1087.407	1631	81181	596.228	32.79	196
MB	MB03	2B2C5h2c	2	387	CHT	Sandy Loam	0.6	3.6	1	2.1	26617	20000	1480.484	2221	48838	811.754	32.79	266
MB	MB04	2B2C5h2c	2	390	CHT	Sandy Loam	0.6	3.6	1	2.1	26844	20000	1493.078	2240	49083	818.659	32.79	268
MB	MB05	2B2C5h2c	2	363	CHT	Sandy Loam	0.6	3.6	1	2.1	24992	20000	1390.092	2085	47077	762.191	32.79	250
MB	MB06	2B2C5h2c	2	421	CHT	Sandy Loam	0.6	3.6	1	2.1	28957	20000	1610.610	2416	51373	883.102	32.79	290
MB	MB07	2B2C5h2c	1	237	CHT	Sandy Loam	0.6	3.6	1	2.1	16312	10000	907.300	1361	27673	497.475	32.79	163
MB	MB08	2B2C5h2c	2	451	CHT	Sandy Loam	0.6	3.6	1	2.1	31083	20000	1728.855	2593	53676	947.936	32.79	311
MB	MB09	2B2C5h2c	5	182	CHT	Sandy Loam	0.6	3.6	1	2.1	12558	50000	698.506	1048	63606	382.993	32.79	126
MB	MB10	2B2C5h2c	2	400	CHT	Sandy Loam	0.6	3.6	1	2.1	27572	20000	1533.574	2300	49872	840.863	32.79	276
PB	PB01	2B2C5h2c	1	85	CHT	Sandy Loam	0.6	3.6	1	2.1	5832	10000	324.400	487	16319	177.870	32.79	58
PB	PB02	2B2C5h2c	1	87	CHT	Sandy Loam	0.6	3.6	1	2.1	6020	10000	334.854	502	16523	183.601	32.79	60
PB	PB03	2B2C5h2c	1	71	CHT	Sandy Loam	0.6	3.6	1	2.1	4857	10000	270.145	405	15262	148.121	32.79	49
PB	PB04	2B2C5h2c	1	77	CHT	Sandy Loam	0.6	3.6	1	2.1	5300	10000	294.819	442	15743	161.650	32.79	53
PB	PB05	2B2C5h2c	1	131	CHT	Sandy Loam	0.6	3.6	1	2.1	9025	10000	501.980	753	19778	275.237	32.79	90
PB	PB06	2B2C5h2c	1	108	CHT	Sandy Loam	0.6	3.6	1	2.1	7450	10000	414.350	622	18071	227.189	32.79	74
PB	PB07	2B2C5h2c	1	82	CHT	Sandy Loam	0.6	3.6	1	2.1	5615	10000	312.294	468	16083	171.232	32.79	56
PB	PB08	2B2C5h2c	1	96	CHT	Sandy Loam	0.6	3.6	1	2.1	6604	10000	367.344	551	17155	201.416	32.79	66
PB	PB09	2B2C5h2c	1	64	CHT	Sandy Loam	0.6	3.6	1	2.1	4392	10000	244.286	366	14758	133.943	32.79	44
PB	PB10	2B2C5h2c	1	78	CHT	Sandy Loam	0.6	3.6	1	2.1	5404	10000	300.577	451	15855	164.807	32.79	54

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PB	PB11	2B2C5h2c	1	130	CHT	Sandy Loam	0.6	3.6	1	2.1	8966	10000	498.689	748	19714	273.433	32.79	90
PB	PB12	2B2C5h2c	1	110	CHT	Sandy Loam	0.6	3.6	1	2.1	7608	10000	423.173	635	18243	232.027	32.79	76
PB	PB13	2B2C5h2c	1	142	CHT	Sandy Loam	0.6	3.6	1	2.1	9791	10000	544.608	817	20608	298.610	32.79	98
PB	PB14	2B2C5h2c	1	85	CHT	Sandy Loam	0.6	3.6	1	2.1	5857	10000	325.783	489	16346	178.628	32.79	59
PB	PB15	2B2C5h2c	1	127	CHT	Sandy Loam	0.6	3.6	1	2.1	8718	10000	484.909	727	19445	265.877	32.79	87
PB	PB16	2B2C5h2c	1	107	CHT	Sandy Loam	0.6	3.6	1	2.1	7387	10000	410.868	616	18003	225.280	32.79	74
PB	PB17	2B2C5h2c	1	83	CHT	Sandy Loam	0.6	3.6	1	2.1	5740	10000	319.279	479	16219	175.062	32.79	57
PB	PB18	2B2C5h2c	1	74	CHT	Sandy Loam	0.6	3.6	1	2.1	5116	10000	284.540	427	15543	156.014	32.79	51
PB	PB19	2B2C5h2c	1	114	CHT	Sandy Loam	0.6	3.6	1	2.1	7873	10000	437.915	657	18530	240.110	32.79	79
PB	PB20	2B2C5h2c	1	101	CHT	Sandy Loam	0.6	3.6	1	2.1	6948	10000	386.457	580	17528	211.896	32.79	69
PB	PB21	2B2C5h2c	1	138	CHT	Sandy Loam	0.6	3.6	1	2.1	9490	10000	527.841	792	20282	289.417	32.79	95
PB	PB22	2B2C5h2c	1	81	CHT	Sandy Loam	0.6	3.6	1	2.1	5596	10000	311.236	467	16063	170.651	32.79	56
PB	PB23	2B2C5h2c	1	41	CHT	Sandy Loam	0.6	3.6	1	2.1	2805	10000	156.004	234	13039	85.538	32.79	28
PB	PB24	2B2C5h2c	1	96	CHT	Sandy Loam	0.6	3.6	1	2.1	6612	10000	367.772	552	17164	201.651	32.79	66
PB	PB25	2B2C5h2c	1	86	CHT	Sandy Loam	0.6	3.6	1	2.1	5946	10000	330.749	496	16443	181.350	32.79	59
PB	PB26	2B2C5h2c	1	63	CHT	Sandy Loam	0.6	3.6	1	2.1	4325	10000	240.533	361	14685	131.885	32.79	43
PB	PB27	2B2C5h2c	1	102	CHT	Sandy Loam	0.6	3.6	1	2.1	7006	10000	389.683	585	17591	213.664	32.79	70
PB	PB28	2B2C5h2c	1	94	CHT	Sandy Loam	0.6	3.6	1	2.1	6503	10000	361.685	543	17045	198.313	32.79	65
PB	PB29	2B2C5h2c	1	95	CHT	Sandy Loam	0.6	3.6	1	2.1	6546	10000	364.077	546	17092	199.624	32.79	65

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PB	PB30	2B2C5h2c	1	77	CHT	Sandy Loam	0.6	3.6	1	2.1	5281	10000	293.712	441	15721	161.043	32.79	53
PB	PB31	2B2C5h2c	1	73	CHT	Sandy Loam	0.6	3.6	1	2.1	5027	10000	279.579	419	15446	153.294	32.79	50
PB	PB32	2B2C5h2c	1	74	CHT	Sandy Loam	0.6	3.6	1	2.1	5127	10000	285.179	428	15555	156.364	32.79	51
PB	PB33	2B2C5h2c	1	95	CHT	Sandy Loam	0.6	3.6	1	2.1	6513	10000	362.256	543	17056	198.626	32.79	65
PB	PB34	2B2C5h2c	1	171	CHT	Sandy Loam	0.6	3.6	1	2.1	11764	10000	654.318	981	22745	358.765	32.79	118
PB	PB35	2B2C5h2c	1	104	CHT	Sandy Loam	0.6	3.6	1	2.1	7179	10000	399.305	599	17778	218.940	32.79	72
PB	PB36	2B2C5h2c	1	95	CHT	Sandy Loam	0.6	3.6	1	2.1	6519	10000	362.571	544	17062	198.799	32.79	65
PB	PB37	2B2C5h2c	1	81	CHT	Sandy Loam	0.6	3.6	1	2.1	5594	10000	311.153	467	16061	170.606	32.79	56
PB	PB38	2B2C5h2c	1	55	CHT	Sandy Loam	0.6	3.6	1	2.1	3769	10000	209.617	314	14083	114.934	32.79	38
PB	PB39	2B2C5h2c	1	86	CHT	Sandy Loam	0.6	3.6	1	2.1	5917	10000	329.086	494	16410	180.439	32.79	59
PB	PB40	2B2C5h2c	1	86	CHT	Sandy Loam	0.6	3.6	1	2.1	5898	10000	328.066	492	16390	179.879	32.79	59
CD	CD01	2B2C5h2c	1	10	MSN	Sandy Loam					0	0	0.000	0	600000			
PND	PND01	2B2C5h2c	1		HMP	Sandy Loam							0.000		89309			
PND	PND02	2B2C5h2c	1		HMP	Sandy Loam							0.000		87163			
PND	PND03	2B2C5h2c	1		HMP	Sandy Loam							0.000		96430			
PND	PND04	2B2C5h2c	1		HMP	Sandy Loam							0.000		91486			
PND	PND05	2B2C5h2c	1		HMP	Sandy Loam							0.000		134427			
PND	PND06	2B2C5h2c	1		HMP	Sandy Loam							0.000		84778			
PND	PND07	2B2C5h2c	1		HMP	Sandy Loam							0.000		112251			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PND	PND08	2B2C5h2c		1	HMP	Sandy Loam							0.000		87848			
PND	PND09	2B2C5h2c		1	HMP	Sandy Loam							0.000		85327			
PND	PND10	2B2C5h2c		1	HMP	Sandy Loam							0.000		86168			
PND	PND11	2B2C5h2c		1	HMP	Sandy Loam							0.000		95834			
AFF	AFF01	2B2C5h2c		3127									0.000		9381			
AFF	AFF02	2B2C5h2c		2558									0.000		7674			
AFF	AFF03	2B2C5h2c		3962									0.000		11887			
AFF	AFF04	2B2C5h2c		3980									0.000		11940			
AFF	AFF05	2B2C5h2c		4571									0.000		13713			
AFF	AFF06	2B2C5h2c		4029									0.000		12088			
AFF	AFF07	2B2C5h2c		2744									0.000		8231			
AFF	AFF08	2B2C5h2c		2925									0.000		8774			
AFF	AFF09	2B2C5h2c		2948									0.000		8844			
AFF	AFF10	2B2C5h2c		5724									0.000		17172			
AFF	AFF11	2B2C5h2c		2553									0.000		7660			
AFF	AFF12	2B2C5h2c		8021									0.000		24063			
AFF	AFF13	2B2C5h2c		4075									0.000		12224			
AFF	AFF14	2B2C5h2c		2527									0.000		7582			
AFF	AFF15	2B2C5h2c		3754									0.000		11263			
AFF	AFF16	2B2C5h2c		10760									0.000		32279			
AFF	AFF17	2B2C5h2c		3625									0.000		10876			
AFF	AFF18	2B2C5h2c		2545									0.000		7636			
CB	CB01	2B2C5h2d		413		Sandy Loam	0.45	2.25	0.6	0.81	10969	0	1015.921	1524	12492	334.510	32.79	110
CB	CB02	2B2C5h2d		85		Sandy Loam	0.45	2.25	0.6	0.81	2259	0	209.268	314	2573	68.905	32.79	23
CB	CB03	2B2C5h2d		543		Sandy Loam	0.45	2.25	0.6	0.81	14425	0	1336.063	2004	16429	439.923	32.79	144

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB04	2B2C5h2d		104		Sandy Loam	0.45	2.25	0.6	0.81	2771	0	256.672	385	3156	84.514	32.79	28
CB	CB05	2B2C5h2d		219		Sandy Loam	0.45	2.25	0.6	0.81	5825	0	539.561	809	6635	177.660	32.79	58
CB	CB06	2B2C5h2d		228		Sandy Loam	0.45	2.25	0.6	0.81	6067	0	561.912	843	6910	185.020	32.79	61
CB	CB07	2B2C5h2d		205		Sandy Loam	0.45	2.25	0.6	0.81	5439	0	503.743	756	6194	165.867	32.79	54
CB	CB08	2B2C5h2d		160		Sandy Loam	0.45	2.25	0.6	0.81	4239	0	392.661	589	4828	129.291	32.79	42
CB	CB09	2B2C5h2d		147		Sandy Loam	0.45	2.25	0.6	0.81	3893	0	360.595	541	4434	118.733	32.79	39
CB	CB10	2B2C5h2d		130		Sandy Loam	0.45	2.25	0.6	0.81	3443	0	318.881	478	3921	104.997	32.79	34
CB	CB11	2B2C5h2d		124		Sandy Loam	0.45	2.25	0.6	0.81	3303	0	305.911	459	3762	100.727	32.79	33
CB	CB12	2B2C5h2d		148		Sandy Loam	0.45	2.25	0.6	0.81	3935	0	364.508	547	4482	120.021	32.79	39
CB	CB13	2B2C5h2d		151		Sandy Loam	0.45	2.25	0.6	0.81	4023	0	372.583	559	4582	122.680	32.79	40
CB	CB14	2B2C5h2d		171		Sandy Loam	0.45	2.25	0.6	0.81	4554	0	421.818	633	5187	138.891	32.79	46
CB	CB15	2B2C5h2d		109		Sandy Loam	0.45	2.25	0.6	0.81	2888	0	267.493	401	3289	88.077	32.79	29
CB	CB16	2B2C5h2d		75		Sandy Loam	0.45	2.25	0.6	0.81	2002	0	185.404	278	2280	61.048	32.79	20
CB	CB17	2B2C5h2d		76		Sandy Loam	0.45	2.25	0.6	0.81	2016	0	186.684	280	2296	61.469	32.79	20
CB	CB18	2B2C5h2d		113		Sandy Loam	0.45	2.25	0.6	0.81	2990	0	276.896	415	3405	91.173	32.79	30
CB	CB19	2B2C5h2d		499		Sandy Loam	0.45	2.25	0.6	0.81	13249	0	1227.104	1841	15089	404.046	32.79	132
CB	CB20	2B2C5h2d		85		Sandy Loam	0.45	2.25	0.6	0.81	2256	0	208.926	313	2569	68.793	32.79	23
CB	CB21	2B2C5h2d		177		Sandy Loam	0.45	2.25	0.6	0.81	4711	0	436.331	654	5365	143.670	32.79	47
CB	CB22	2B2C5h2d		204		Sandy Loam	0.45	2.25	0.6	0.81	5419	0	501.892	753	6172	165.257	32.79	54

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB23	2B2C5h2d		577		Sandy Loam	0.45	2.25	0.6	0.81	15326	0	1419.475	2129	17455	467.388	32.79	153
CB	CB24	2B2C5h2d		307		Sandy Loam	0.45	2.25	0.6	0.81	8144	0	754.343	1132	9276	248.381	32.79	81
CB	CB25	2B2C5h2d		188		Sandy Loam	0.45	2.25	0.6	0.81	5005	0	463.537	695	5700	152.628	32.79	50
CB	CB26	2B2C5h2d		191		Sandy Loam	0.45	2.25	0.6	0.81	5076	0	470.097	705	5781	154.788	32.79	51
CB	CB27	2B2C5h2d		195		Sandy Loam	0.45	2.25	0.6	0.81	5190	0	480.727	721	5911	158.288	32.79	52
CB	CB28	2B2C5h2d		212		Sandy Loam	0.45	2.25	0.6	0.81	5618	0	520.324	780	6398	171.326	32.79	56
CB	CB29	2B2C5h2d		319		Sandy Loam	0.45	2.25	0.6	0.81	8468	0	784.327	1176	9645	258.254	32.79	85
CB	CB30	2B2C5h2d		71		Sandy Loam	0.45	2.25	0.6	0.81	1878	0	173.914	261	2139	57.264	32.79	19
CB	CB31	2B2C5h2d		139		Sandy Loam	0.45	2.25	0.6	0.81	3679	0	340.735	511	4190	112.193	32.79	37
CB	CB32	2B2C5h2d		263		Sandy Loam	0.45	2.25	0.6	0.81	6983	0	646.799	970	7953	212.970	32.79	70
CB	CB33	2B2C5h2d		105		Sandy Loam	0.45	2.25	0.6	0.81	2777	0	257.189	386	3163	84.684	32.79	28
CB	CB34	2B2C5h2d		189		Sandy Loam	0.45	2.25	0.6	0.81	5007	0	463.770	696	5703	152.705	32.79	50
CB	CB35	2B2C5h2d		70		Sandy Loam	0.45	2.25	0.6	0.81	1853	0	171.590	257	2110	56.499	32.79	19
CB	CB36	2B2C5h2d		162		Sandy Loam	0.45	2.25	0.6	0.81	4293	0	397.648	596	4890	130.933	32.79	43
CB	CB37	2B2C5h2d		395		Sandy Loam	0.45	2.25	0.6	0.81	10482	0	970.894	1456	11939	319.685	32.79	105
CB	CB38	2B2C5h2d		179		Sandy Loam	0.45	2.25	0.6	0.81	4765	0	441.338	662	5427	145.319	32.79	48
CB	CB39	2B2C5h2d		139		Sandy Loam	0.45	2.25	0.6	0.81	3684	0	341.171	512	4195	112.337	32.79	37
CB	CB40	2B2C5h2d		137		Sandy Loam	0.45	2.25	0.6	0.81	3646	0	337.676	507	4152	111.186	32.79	36
CB	CB41	2B2C5h2d		240		Sandy Loam	0.45	2.25	0.6	0.81	6379	0	590.848	886	7265	194.548	32.79	64

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
CB	CB42	2B2C5h2d		104		Sandy Loam	0.45	2.25	0.6	0.81	2769	0	256.483	385	3154	84.452	32.79	28
CRB	CRB01	2B2C5h2d	4	389	HMP	Sandy Loam	2	3.5	0.6	1.65	21024	120000	2436.402	3655	144678	641.158	32.79	210
CRB	CRB02	2B2C5h2d	1	216	HMP	Sandy Loam	2	3.5	0.6	1.65	11701	30000	1355.991	2034	43735	356.840	32.79	117
ECD	ECD01	2B2C5h2d	1	54	MSN	Sandy Loam	3	15	3	27	76234	15000	886.628	1330	92564	1457.914	52.29	762
ECD	ECD02	2B2C5h2d	1	43	MSN	Sandy Loam	3	15	3	27	60543	15000	704.132	1056	76599	1157.830	52.29	605
ECD	ECD03	2B2C5h2d	1	40	MSN	Sandy Loam	3	15	3	27	56079	15000	652.212	978	72057	1072.456	52.29	561
ECD	ECD04	2B2C5h2d	1	64	MSN	Sandy Loam	3	15	3	27	89790	15000	1044.286	1566	106357	1717.158	52.29	898
MB	MB01	2B2C5h2d	1	236	CHT	Sandy Loam	0.6	3.6	1	2.1	16255	10000	904.102	1356	27611	495.722	32.79	163
MB	MB02	2B2C5h2d	2	521	CHT	Sandy Loam	0.6	3.6	1	2.1	35844	20000	1993.695	2991	58835	1093.148	32.79	358
MB	MB03	2B2C5h2d	1	143	CHT	Sandy Loam	0.6	3.6	1	2.1	9814	10000	545.888	819	20633	299.312	32.79	98
MB	MB04	2B2C5h2d	2	405	CHT	Sandy Loam	0.6	3.6	1	2.1	27878	20000	1550.612	2326	50204	850.205	32.79	279
MB	MB05	2B2C5h2d	2	360	CHT	Sandy Loam	0.6	3.6	1	2.1	24798	20000	1379.279	2069	46867	756.263	32.79	248
MB	MB06	2B2C5h2d	2	162	CHT	Sandy Loam	0.6	3.6	1	2.1	11163	20000	620.903	931	32094	340.443	32.79	112
MB	MB07	2B2C5h2d	1	257	CHT	Sandy Loam	0.6	3.6	1	2.1	17708	10000	984.957	1477	29186	540.055	32.79	177
MB	MB08	2B2C5h2d	1	134	CHT	Sandy Loam	0.6	3.6	1	2.1	9238	10000	513.835	771	20009	281.737	32.79	92
MB	MB09	2B2C5h2d	1	122	CHT	Sandy Loam	0.6	3.6	1	2.1	8405	10000	467.495	701	19106	256.329	32.79	84
MB	MB10	2B2C5h2d	1	122	CHT	Sandy Loam	0.6	3.6	1	2.1	8392	10000	466.770	700	19092	255.931	32.79	84
MB	MB11	2B2C5h2d	2	71	CHT	Sandy Loam	0.6	3.6	1	2.1	4919	20000	273.620	410	25330	150.027	32.79	49
PND	PND01	2B2C5h2d	1		HMP	Sandy Loam							0.000		89122			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
PND	PND02	2B2C5h2d		1	HMP	Sandy Loam							0.000		90446			
PND	PND03	2B2C5h2d		1	HMP	Sandy Loam							0.000		96331			
PND	PND04	2B2C5h2d		1	HMP	Sandy Loam							0.000		109675			
AFF	AFF01	2B2C5h2d	0	203		Sandy Loam					0	0	0.000	0	0			
AFF	AFF01	2B2C5h2d		685									0.000		2054			
AFF	AFF01	2B2C5h2d		203									0.000		2430			
AFF	AFF02	2B2C5h2d	0	203		Sandy Loam					0	0	0.000	0	0			
AFF	AFF02	2B2C5h2d		1526									0.000		4577			
AFF	AFF02	2B2C5h2d		203									0.000		2430			
AFF	AFF03	2B2C5h2d	0	301		Sandy Loam					0	0	0.000	0	0			
AFF	AFF03	2B2C5h2d		1675									0.000		5025			
AFF	AFF03	2B2C5h2d		301									0.000		3600			
AFF	AFF04	2B2C5h2d	0	336		Sandy Loam					0	0	0.000	0	0			
AFF	AFF04	2B2C5h2d		2407									0.000		7220			
AFF	AFF04	2B2C5h2d		336									0.000		4020			
AFF	AFF05	2B2C5h2d	0	380		Sandy Loam					0	0	0.000	0	0			
AFF	AFF05	2B2C5h2d		2334									0.000		7003			
AFF	AFF05	2B2C5h2d		380									0.000		4560			
AFF	AFF06	2B2C5h2d	0	388		Sandy Loam					0	0	0.000	0	0			
AFF	AFF06	2B2C5h2d		3570									0.000		10711			
AFF	AFF06	2B2C5h2d		388									0.000		4650			
AFF	AFF07	2B2C5h2d	0	144		Sandy Loam					0	0	0.000	0	0			
AFF	AFF07	2B2C5h2d		3353									0.000		10058			

Feature Type	Feature ID	WS_Code	Length/Area	Length	Outlet Type	Soil	Top	Base	Height	CS	EW Cost	Outlet Cost	Sodding Area	Sodding Cost	Total Cost	EW	Rate	Mandays
AFF	AFF07	2B2C5h2d		144									0.000		1740			
AFF	AFF08	2B2C5h2d	0	329		Sandy Loam					0	0	0.000	0	0			
AFF	AFF08	2B2C5h2d		1302									0.000		3907			
AFF	AFF08	2B2C5h2d		329									0.000		3960			
AFF	AFF09	2B2C5h2d	0	95		Sandy Loam					0	0	0.000	0	0			
AFF	AFF09	2B2C5h2d		4057									0.000		12171			
AFF	AFF09	2B2C5h2d		95									0.000		1140			
AFF	AFF10	2B2C5h2d	0	179		Sandy Loam					0	0	0.000	0	0			
AFF	AFF10	2B2C5h2d		2184									0.000		6551			
AFF	AFF10	2B2C5h2d		179									0.000		2160			
MB	MB03		2	466	CHT	Sandy Loam	0.6	3.6	1	2.1	32088	20000	1784.780	2677	54765	978.600	32.79	321
PB	PB01		1	115	CHT	Sandy Loam	0.6	3.6	1	2.1	7912	10000	440.073	660	18572	241.293	32.79	79
PB	PB02		1	98	CHT	Sandy Loam	0.6	3.6	1	2.1	6779	10000	377.064	566	17345	206.745	32.79	68
PB	PB03		1	178	CHT	Sandy Loam	0.6	3.6	1	2.1	12233	10000	680.388	1021	23253	373.059	32.79	122
PB	PB05		1	158	CHT	Sandy Loam	0.6	3.6	1	2.1	10897	10000	606.083	909	21806	332.317	32.79	109
PND	PND01		1		HMP	Sandy Loam							0.000		103722			
PND	PND03		1		HMP	Sandy Loam							0.000		116738			
PND	PND08		1		HMP	Sandy Loam							0.000		113716			
AFF	AFF01			374									0.000		1121			
AFF	AFF02			444									0.000		1331			
AFF	AFF03			473									0.000		1420			
AFF	AFF04			1117									0.000		3351			
AFF	AFF05			966									0.000		2898			

**Table I.1 Watershed wise and Structurewise Cost of Watershed development activities**

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1b	CB	CB01	1523			0.45	2.25	0.6	0.81	1233.969	3747.608	32.79	405		5621.000	46083
2B2C5g1b	CB	CB02	1050			0.45	2.25	0.6	0.81	850.813	2583.952	32.79	279		3876.000	31774
2B2C5g1b	CB	CB03	309			0.45	2.25	0.6	0.81	250.451	760.629	32.79	82		1141.000	9353
2B2C5g1b	CB	CB04	347			0.45	2.25	0.6	0.81	280.946	853.244	32.79	92		1280.000	10492
2B2C5g1b	CB	CB05	684			0.45	2.25	0.6	0.81	554.414	1683.776	32.79	182		2526.000	20705
2B2C5g1b	CB	CB06	562			0.45	2.25	0.6	0.81	454.946	1381.687	32.79	149		2073.000	16990
2B2C5g1b	CB	CB07	948			0.45	2.25	0.6	0.81	768.078	2332.680	32.79	252		3499.000	28684
2B2C5g1b	CB	CB08	365			0.45	2.25	0.6	0.81	295.465	897.339	32.79	97		1346.000	11034
2B2C5g1b	CB	CB09	1163			0.45	2.25	0.6	0.81	941.894	2860.567	32.79	309		4291.000	35176
2B2C5g1b	CB	CB10	370			0.45	2.25	0.6	0.81	300.087	911.376	32.79	98		1367.000	11207
2B2C5g1b	CB	CB11	163			0.45	2.25	0.6	0.81	131.758	400.154	32.79	43		600.000	4921
2B2C5g1b	CB	CB12	217			0.45	2.25	0.6	0.81	175.642	533.432	32.79	58		800.000	6559
2B2C5g1b	CB	CB13	206			0.45	2.25	0.6	0.81	167.070	507.396	32.79	55		761.000	6239
2B2C5g1b	CB	CB14	289			0.45	2.25	0.6	0.81	234.134	711.072	32.79	77		1067.000	8744
2B2C5g1b	CB	CB15	837			0.45	2.25	0.6	0.81	678.025	2059.187	32.79	222		3089.000	25321
2B2C5g1b	CB	CB16	390			0.45	2.25	0.6	0.81	315.634	958.593	32.79	103		1438.000	11788
2B2C5g1b	CB	CB17	162			0.45	2.25	0.6	0.81	131.427	399.148	32.79	43		599.000	4908
2B2C5g1b	CB	CB18	285			0.45	2.25	0.6	0.81	230.889	701.218	32.79	76		1052.000	8623
2B2C5g1b	CB	CB19	223			0.45	2.25	0.6	0.81	180.772	549.012	32.79	59		824.000	6751
2B2C5g1b	CB	CB20	491			0.45	2.25	0.6	0.81	397.445	1207.054	32.79	130		1811.000	14843
2B2C5g1b	CB	CB21	775			0.45	2.25	0.6	0.81	627.897	1906.948	32.79	206		2860.000	23449
2B2C5g1b	CB	CB22	1058			0.45	2.25	0.6	0.81	857.239	2603.467	32.79	281		3905.000	32014

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1b	CB	CB23	236			0.45	2.25	0.6	0.81	191.548	581.738	32.79	63		873.000	7153
2B2C5g1b	CB	CB24	386			0.45	2.25	0.6	0.81	312.906	950.309	32.79	103		1425.000	11686
2B2C5g1b	CB	CB25	807			0.45	2.25	0.6	0.81	653.376	1984.328	32.79	214		2976.000	24401
2B2C5g1b	CB	CB26	538			0.45	2.25	0.6	0.81	435.847	1323.684	32.79	143		1986.000	16277
2B2C5g1b	CB	CB27	323			0.45	2.25	0.6	0.81	261.758	794.969	32.79	86		1192.000	9775
2B2C5g1b	CB	CB28	497			0.45	2.25	0.6	0.81	402.297	1221.791	32.79	132		1833.000	15024
2B2C5g1b	CB	CB29	365			0.45	2.25	0.6	0.81	295.842	898.483	32.79	97		1348.000	11048
2B2C5g1b	CB	CB30	241			0.45	2.25	0.6	0.81	195.537	593.852	32.79	64		891.000	7302
2B2C5g1b	CB	CB31	247			0.45	2.25	0.6	0.81	200.448	608.766	32.79	66		913.000	7486
2B2C5g1b	CB	CB32	114			0.45	2.25	0.6	0.81	91.957	279.278	32.79	30		419.000	3434
2B2C5g1b	CB	CB33	450			0.45	2.25	0.6	0.81	364.774	1107.832	32.79	120		1662.000	13623
2B2C5g1b	CB	CB34	218			0.45	2.25	0.6	0.81	176.680	536.583	32.79	58		805.000	6598
2B2C5g1b	CB	CB35	441			0.45	2.25	0.6	0.81	357.575	1085.969	32.79	117		1629.000	13354
2B2C5g1b	CB	CB36	245			0.45	2.25	0.6	0.81	198.488	602.814	32.79	65		904.000	7413
2B2C5g1b	CB	CB37	8			0.45	2.25	0.6	0.81	6.291	19.105	32.79	2		29.000	235
2B2C5g1b	CB	CB38	131			0.45	2.25	0.6	0.81	106.318	322.890	32.79	35		484.000	3970
2B2C5g1b	CRB	CRB01	444	4	HMP	2	3.5	0.6	1.65	731.865	2781.087	32.79	240	120000	4172.000	148169
2B2C5g1b	CRB	CRB02	258	3	HMP	2	3.5	0.6	1.65	426.399	1620.317	32.79	140	90000	2430.000	106412
2B2C5g1b	CRB	CRB03	263	3	HMP	2	3.5	0.6	1.65	433.338	1646.685	32.79	142	90000	2470.000	106679
2B2C5g1b	CRB	CRB04	634	6	HMP	2	3.5	0.6	1.65	1046.057	3975.017	32.79	343	180000	5963.000	220263
2B2C5g1b	CRB	CRB05	658	7	HMP	2	3.5	0.6	1.65	1085.144	4123.548	32.79	356	210000	6185.000	251767
2B2C5g1b	CRB	CRB06	486	5	HMP	2	3.5	0.6	1.65	801.221	3044.642	32.79	263	150000	4567.000	180839
2B2C5g1b	ECD	ECD01	87	1	MSN	3	15	3	27	2356.699	1433.222	52.29	1232	15000	2150.000	140382
2B2C5g1b	ECD	ECD02	67	1	MSN	3	15	3	27	1804.974	1097.691	52.29	944	15000	1647.000	111029
2B2C5g1b	ECD	ECD03	67	1	MSN	3	15	3	27	1797.146	1092.931	52.29	940	15000	1639.000	110612

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5g1b	ECD	ECD04	71	1	MSN	3	15	3	27	1910.619	1161.939	52.29	999	15000	1743.000	116649	
2B2C5g1b	ECD	ECD05	93	1	MSN	3	15	3	27	2514.819	1529.382	52.29	1315	15000	2294.000	148794	
2B2C5g1b	MB	MB01	1611	8	CHT	0.6	3.6	1	2.1	3383.989	6171.751	32.79	1110	80000	9258.000	200219	
2B2C5g1b	MB	MB02	1902	10	CHT	0.6	3.6	1	2.1	3994.013	7284.319	32.79	1310	100000	10926.000	241890	
2B2C5g1b	MB	MB03	533	2	CHT	0.6	3.6	1	2.1	1119.621	2041.975	32.79	367	20000	3063.000	59775	
2B2C5g1b	MB	MB04	592	3	CHT	0.6	3.6	1	2.1	1242.727	2266.498	32.79	407	30000	3400.000	74149	
2B2C5g1b	MB	MB05	289	2	CHT	0.6	3.6	1	2.1	607.065	1107.171	32.79	199	20000	1661.000	41566	
<b>Total</b>										<b>39566.331</b>						<b>2793648</b>	
2B2C5g1b	PND	PND01		1	HMP						0						214518
2B2C5g1b	PND	PND02		1	HMP						0						141758
<b>Total</b>																	<b>356276</b>
2B2C5g1b	AFF	AFF01	6473									0					19420
2B2C5g1b	AFF	AFF02	5747									0					17240
2B2C5g1b	AFF	AFF03	4301									0					12902
2B2C5g1b	AFF	AFF04	17068									0					51205
2B2C5g1b	AFF	AFF05	4437									0					13310
<b>Total</b>																	<b>114077</b>
<b>Grand total</b>																	<b>3264001</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1c	CB	CB01	702			0.45	2.25	0.6	0.81	568.642	1726.988	32.79	186	0	2590.000	21236
2B2C5g1c	CB	CB02	331			0.45	2.25	0.6	0.81	268.446	815.282	32.79	88	0	1223.000	10025
2B2C5g1c	CB	CB03	312			0.45	2.25	0.6	0.81	252.723	767.531	32.79	83	0	1151.000	9438
2B2C5g1c	CB	CB04	212			0.45	2.25	0.6	0.81	171.487	520.812	32.79	56	0	781.000	6404
2B2C5g1c	CB	CB05	1106			0.45	2.25	0.6	0.81	895.827	2720.658	32.79	294	0	4081.000	33455
2B2C5g1c	CB	CB06	363			0.45	2.25	0.6	0.81	293.689	891.944	32.79	96	0	1338.000	10968
2B2C5g1c	MB	MB01	582	2	CHT	0.6	3.6	1	2.1	1223.095	2230.693	32.79	401	20000	3346.000	63451
2B2C5g1c	MB	MB02	557	2	CHT	0.6	3.6	1	2.1	1170.270	2134.349	32.79	384	20000	3202.000	61575
2B2C5g1c	PB	PB04	171	1	CHT	0.6	3.6	1	2.1	358.370	653.598	32.79	118	10000	980.000	22731
2B2C5g1c	PB	PB06	163	1	CHT	0.6	3.6	1	2.1	342.910	625.402	32.79	112	10000	938.000	22182
2B2C5g1c	PB	PB07	204	1	CHT	0.6	3.6	1	2.1	428.640	781.759	32.79	141	10000	1173.000	25228
2B2C5g1c	PB	PB08	227	1	CHT	0.6	3.6	1	2.1	476.912	869.797	32.79	156	10000	1305.000	26943
2B2C5g1c	PB	PB09	177	1	CHT	0.6	3.6	1	2.1	370.932	676.509	32.79	122	10000	1015.000	23178
2B2C5g1c	PB	PB10	159	1	CHT	0.6	3.6	1	2.1	333.519	608.275	32.79	109	10000	912.000	21849
<b>Total</b>			<b>5266</b>							<b>7155.463</b>			<b>2346</b>			<b>358663</b>
2B2C5g1c	CD	CD01	7	1	MSN						0		0	0	0.000	420000
2B2C5g1c	PND	PND01		1	HMP						0					125783
<b>Total</b>																<b>545783</b>
2B2C5g1c	AFF	AFF01	1162								0					13950
2B2C5g1c	AFF	AFF02	1162								0					13950
2B2C5g1c	AFF	AFF03	777								0					9330
2B2C5g1c	AFF	AFF04	776								0					9300
2B2C5g1c	AFF	AFF05	420								0					5040
2B2C5g1c	AFF	AFF06	433								0					5190

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1c	AFF	AFF07	264								0					3180
2B2C5g1c	AFF	AFF08	273								0					3270
		Total														63210
		Grand total														967656

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1d	CB	CB01	377	1	CHT	0.45	2.25	0.6	0.81	305.262	927.092	32.79	100	4000	1391.000	15400
2B2C5g1d	CB	CB02	664	2	CHT	0.45	2.25	0.6	0.81	537.489	1632.374	32.79	176	8000	2449.000	28073
2B2C5g1d	CB	CB03	320	1	CHT	0.45	2.25	0.6	0.81	259.134	787.001	32.79	85	4000	1181.000	13678
2B2C5g1d	CB	CB04	443	1	CHT	0.45	2.25	0.6	0.81	359.093	1090.579	32.79	118	4000	1636.000	17411
2B2C5g1d	CB	CB05	352	1	CHT	0.45	2.25	0.6	0.81	284.757	864.817	32.79	93	4000	1297.000	14634
2B2C5g1d	CB	CB06	1168	2	CHT	0.45	2.25	0.6	0.81	946.326	2874.028	32.79	310	8000	4311.000	43341
2B2C5g1d	CB	CB07	711	2	CHT	0.45	2.25	0.6	0.81	576.138	1749.752	32.79	189	8000	2625.000	29516
2B2C5g1d	CB	CB08	1011	2	CHT	0.45	2.25	0.6	0.81	818.603	2486.128	32.79	268	8000	3729.000	38571
2B2C5g1d	CB	CB09	589	2	CHT	0.45	2.25	0.6	0.81	476.726	1447.833	32.79	156	8000	2172.000	25804
2B2C5g1d	CB	CB10	385	1	CHT	0.45	2.25	0.6	0.81	311.536	946.146	32.79	102	4000	1419.000	15634
2B2C5g1d	CB	CB11	541	2	CHT	0.45	2.25	0.6	0.81	438.192	1330.807	32.79	144	8000	1996.000	24365
2B2C5g1d	CB	CB12	464	2	CHT	0.45	2.25	0.6	0.81	375.500	1140.407	32.79	123	8000	1711.000	22023
2B2C5g1d	CB	CB13	275	1	CHT	0.45	2.25	0.6	0.81	222.622	676.110	32.79	73	4000	1014.000	12314

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5g1d	MB	MB01	522	2	CHT	0.6	3.6	1	2.1	1096.720	2000.208	32.79	360	20000	3000.000	58962	
2B2C5g1d	MB	MB02	569	5	CHT	0.6	3.6	1	2.1	1194.451	2178.451	32.79	392	50000	3268.000	92434	
2B2C5g1d	PB	PB01	145	2	CHT	0.6	3.6	1	2.1	303.646	553.793	32.79	100	20000	831.000	30787	
2B2C5g1d	PB	PB02	114	2	CHT	0.6	3.6	1	2.1	239.217	436.286	32.79	78	20000	654.000	28498	
2B2C5g1d	PB	PB03	110	2	CHT	0.6	3.6	1	2.1	230.551	420.480	32.79	76	20000	631.000	28190	
2B2C5g1d	PB	PB04	181	2	CHT	0.6	3.6	1	2.1	381.140	695.127	32.79	125	20000	1043.000	33540	
2B2C5g1d	PB	PB05	199	1	CHT	0.6	3.6	1	2.1	418.033	762.413	32.79	137	10000	1144.000	24851	
2B2C5g1d	PB	PB06	143	2	CHT	0.6	3.6	1	2.1	300.735	548.484	32.79	99	20000	823.000	30684	
<b>Total</b>				<b>9283</b>						<b>10075.871</b>				<b>3304</b>		<b>628710</b>	
2B2C5g1d	PND	PND01		2	HMP							0					220295
2B2C5g1d	PND	PND02		2	HMP							0					210474
<b>Total</b>																<b>430769</b>	
2B2C5g1d	AFF	AFF01	1447									0					17370
2B2C5g1d	AFF	AFF02	1243									0					14910
2B2C5g1d	AFF	AFF03	502									0					6030
2B2C5g1d	AFF	AFF04	1458									0					17490
<b>Total</b>																<b>55800</b>	
<b>Grand total</b>																<b>1115279</b>	

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

2B2C5g1e	MB	MB01	576	4	CHT	0.6	3.6	1	2.1	1209.866	2206.565	32.79	397	40000	3310.000	82981	
2B2C5g1e	PB	PB01	449	4	CHT	0.6	3.6	1	2.1	943.585	1720.919	32.79	309	40000	2581.000	73522	
2B2C5g1e	PB	PB02	421	4	CHT	0.6	3.6	1	2.1	883.154	1610.705	32.79	290	40000	2416.000	71375	
2B2C5g1e	PB	PB03	183	2	CHT	0.6	3.6	1	2.1	383.420	699.285	32.79	126	20000	1049.000	33621	
2B2C5g1e	PB	PB04	402	4	CHT	0.6	3.6	1	2.1	844.847	1540.841	32.79	277	40000	2311.000	70014	
2B2C5g1e	PB	PB05	477	4	CHT	0.6	3.6	1	2.1	1002.719	1828.768	32.79	329	40000	2743.000	75622	
2B2C5g1e	PB	PB06	151	2	CHT	0.6	3.6	1	2.1	317.893	579.777	32.79	104	20000	870.000	31293	
<b>Total</b>			<b>2659</b>							<b>5585.484</b>				<b>1832</b>		<b>438428</b>	
2B2C5g1e	AFF	AFF01	938									0					11250
2B2C5g1e	AFF	AFF02	942									0					11310
2B2C5g1e	AFF	AFF03	283									0					3390
2B2C5g1e	AFF	AFF04	283									0					3390
<b>Total</b>																<b>29340</b>	
<b>Grand total</b>																<b>467768</b>	

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1f	CB	CB01	309			0.45	2.25	0.6	0.81	250.111	759.597	32.79	82	0	1139.000	9341
2B2C5g1f	CB	CB02	736			0.45	2.25	0.6	0.81	595.885	1809.724	32.79	195	0	2715.000	22254

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1f	CB	CB03	1061			0.45	2.25	0.6	0.81	859.019	2608.872	32.79	282	0	3913.000	32081
2B2C5g1f	CB	CB04	699			0.45	2.25	0.6	0.81	566.512	1720.517	32.79	186	0	2581.000	21157
2B2C5g1f	CB	CB05	984			0.45	2.25	0.6	0.81	797.111	2420.854	32.79	261	0	3631.000	29769
2B2C5g1f	CB	CB06	1006			0.45	2.25	0.6	0.81	815.055	2475.353	32.79	267	0	3713.000	30439
2B2C5g1f	CB	CB07	442			0.45	2.25	0.6	0.81	357.869	1086.860	32.79	117	0	1630.000	13365
2B2C5g1f	CB	CB08	1115			0.45	2.25	0.6	0.81	903.018	2742.498	32.79	296	0	4114.000	33724
2B2C5g1f	CB	CB09	4024			0.45	2.25	0.6	0.81	3259.595	9899.510	32.79	1069	0	14849.000	121731
2B2C5g1f	CB	CB10	4480			0.45	2.25	0.6	0.81	3628.570	11020.103	32.79	1190	0	16530.000	135511
2B2C5g1f	CRB	CRB01	332	7	HMP	2	3.5	0.6	1.65	547.444	2080.287	32.79	180	210000	3120.000	231071
2B2C5g1f	CRB	CRB02	238	5	HMP	2	3.5	0.6	1.65	393.440	1495.071	32.79	129	150000	2243.000	165143
2B2C5g1f	CRB	CRB03	179	2	HMP	2	3.5	0.6	1.65	294.729	1119.971	32.79	97	60000	1680.000	71344
2B2C5g1f	MB	MB01	420	1	CHT	0.6	3.6	1	2.1	882.635	1609.758	32.79	289	10000	2415.000	41356
2B2C5g1f	MB	MB02	590	2	CHT	0.6	3.6	1	2.1	1239.567	2260.734	32.79	406	20000	3391.000	64037
2B2C5g1f	MB	MB03	442	1	CHT	0.6	3.6	1	2.1	928.551	1693.501	32.79	304	10000	2540.000	42987
2B2C5g1f	MB	MB04	628	2	CHT	0.6	3.6	1	2.1	1319.595	2406.689	32.79	433	20000	3610.000	66880
2B2C5g1f	MB	MB05	170	1	CHT	0.6	3.6	1	2.1	356.672	650.501	32.79	117	10000	976.000	22671
2B2C5g1f	MB	MB06	460	2	CHT	0.6	3.6	1	2.1	965.502	1760.892	32.79	317	20000	2641.000	54300
2B2C5g1f	MB	MB07	1285	6	CHT	0.6	3.6	1	2.1	2697.852	4920.369	32.79	885	60000	7381.000	155843
2B2C5g1f	MB	MB08	235	1	CHT	0.6	3.6	1	2.1	493.364	899.802	32.79	162	10000	1350.000	27527
2B2C5g1f	MB	MB09	1724	8	CHT	0.6	3.6	1	2.1	3620.378	6602.879	32.79	1187	80000	9904.000	208617
2B2C5g1f	MB	MB10	831	4	CHT	0.6	3.6	1	2.1	1745.100	3182.731	32.79	572	40000	4774.000	101996
2B2C5g1f	MB	MB11	264	2	CHT	0.6	3.6	1	2.1	555.225	1012.624	32.79	182	20000	1519.000	39725
2B2C5g1f	MB	MB12	559	3	CHT	0.6	3.6	1	2.1	1174.826	2142.659	32.79	385	30000	3214.000	71737
2B2C5g1f	MB	MB13	535	2	CHT	0.6	3.6	1	2.1	1122.721	2047.629	32.79	368	20000	3071.000	59885
2B2C5g1f	MB	MB14	408	2	CHT	0.6	3.6	1	2.1	855.830	1560.870	32.79	281	20000	2341.000	50404

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g1f	MB	MB15	353	2	CHT	0.6	3.6	1	2.1	740.691	1350.878	32.79	243	20000	2026.000	46314
		Total		24509						31966.864			10482			1971209
2B2C5g1f	PND	PND01		1	HMP						0					84933
2B2C5g1f	PND	PND02		1	HMP						0					86748
2B2C5g1f	PND	PND03		1	HMP						0					112652
2B2C5g1f	PND	PND04		1	HMP						0					100454
2B2C5g1f	PND	PND05		1	HMP						0					100326
2B2C5g1f	PND	PND06		1	HMP						0					86624
2B2C5g1f	PND	PND07		1	HMP						0					84301
2B2C5g1f	PND	PND08		1	HMP						0					91751
2B2C5g1f	PND	PND09		1	HMP						0					114741
2B2C5g1f	PND	PND10		1	HMP						0					83658
2B2C5g1f	PND	PND11		1	HMP						0					101127
2B2C5g1f	PND	PND12		1	HMP						0					83927
		Total														1131242
2B2C5g1f	AFF	AFF01	886								0					2659
2B2C5g1f	AFF	AFF02	961								0					2884
2B2C5g1f	AFF	AFF03	5547								0					16640
2B2C5g1f	AFF	AFF04	1582								0					4747
2B2C5g1f	AFF	AFF05	3112								0					9335
2B2C5g1f	AFF	AFF06	1831								0					5492
2B2C5g1f	AFF	AFF07	500								0					1500
2B2C5g1f	AFF	AFF08	1121								0					3363
2B2C5g1f	AFF	AFF09	869								0					2607
2B2C5g1f	AFF	AFF10	1253								0					3758

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5g1f	AFF	AFF11	1479								0						4436
2B2C5g1f	AFF	AFF12	1725								0						5175
2B2C5g1f	AFF	AFF13	4354								0						13062
2B2C5g1f	AFF	AFF14	2660								0						7981
2B2C5g1f	AFF	AFF15	4313								0						12940
2B2C5g1f	AFF	AFF16	1630								0						4890
<b>Total</b>																	<b>101469</b>
<b>Grand total</b>																	<b>3203920</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2a	CB	CB01	158	1	CHT	0.45	2.25	0.6	0.81	128.237	389.460	32.79	42	4000	584.000	8789
2B2C5g2a	CB	CB02	427	3	CHT	0.45	2.25	0.6	0.81	345.512	1049.332	32.79	113	12000	1574.000	24903
2B2C5g2a	CB	CB03	196	3	CHT	0.45	2.25	0.6	0.81	158.500	481.372	32.79	52	12000	722.000	17919
2B2C5g2a	CB	CB04	372	3	CHT	0.45	2.25	0.6	0.81	301.645	916.106	32.79	99	12000	1374.000	23265
2B2C5g2a	CB	CB05	182	3	CHT	0.45	2.25	0.6	0.81	147.474	447.885	32.79	48	12000	672.000	17508
2B2C5g2a	CB	CB06	137	1	CHT	0.45	2.25	0.6	0.81	111.248	337.863	32.79	36	4000	507.000	8155
2B2C5g2a	CB	CB07	432	3	CHT	0.45	2.25	0.6	0.81	350.137	1063.380	32.79	115	12000	1595.000	25076
2B2C5g2a	CB	CB08	173	3	CHT	0.45	2.25	0.6	0.81	139.895	424.865	32.79	46	12000	637.000	17224
2B2C5g2a	CB	CB09	166	1	CHT	0.45	2.25	0.6	0.81	134.604	408.797	32.79	44	4000	613.000	9027

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2a	CB	CB10	184	3	CHT	0.45	2.25	0.6	0.81	149.199	453.124	32.79	49	12000	680.000	17572
2B2C5g2a	CB	CB11	131	1	CHT	0.45	2.25	0.6	0.81	106.351	322.993	32.79	35	4000	484.000	7972
2B2C5g2a	CB	CB12	108	1	CHT	0.45	2.25	0.6	0.81	87.487	265.702	32.79	29	4000	399.000	7267
2B2C5g2a	CB	CB13	202	3	CHT	0.45	2.25	0.6	0.81	163.965	497.968	32.79	54	12000	747.000	18123
2B2C5g2a	CB	CB14	168	1	CHT	0.45	2.25	0.6	0.81	135.973	412.956	32.79	45	4000	619.000	9078
2B2C5g2a	CB	CB15	120	1	CHT	0.45	2.25	0.6	0.81	97.001	294.596	32.79	32	4000	442.000	7623
2B2C5g2a	CRB	CRB01	176	3	HMP	2	3.5	0.6	1.65	290.502	1103.907	32.79	95	90000	1656.000	101181
2B2C5g2a	CRB	CRB02	425	3	HMP	2	3.5	0.6	1.65	701.921	2667.300	32.79	230	90000	4001.000	117017
2B2C5g2a	MB	MB01	367	3	CHT	0.6	3.6	1	2.1	771.423	1406.929	32.79	253	30000	2110.000	57405
2B2C5g2a	MB	MB02	1270	6	CHT	0.6	3.6	1	2.1	2666.533	4863.248	32.79	874	60000	7295.000	154730
2B2C5g2a	MB	MB03	1206	6	CHT	0.6	3.6	1	2.1	2533.218	4620.107	32.79	831	60000	6930.000	149994
2B2C5g2a	MB	MB04	412	3	CHT	0.6	3.6	1	2.1	866.242	1579.860	32.79	284	30000	2370.000	60774
2B2C5g2a	MB	MB05	264	3	CHT	0.6	3.6	1	2.1	554.108	1010.588	32.79	182	30000	1516.000	49685
2B2C5g2a	PB	PB01	121	1	CHT	0.6	3.6	1	2.1	253.642	462.594	32.79	83	10000	694.000	19011
2B2C5g2a	PB	PB02	152	1	CHT	0.6	3.6	1	2.1	319.023	581.838	32.79	105	10000	873.000	21334
2B2C5g2a	PB	PB03	116	1	CHT	0.6	3.6	1	2.1	243.205	443.559	32.79	80	10000	665.000	18640
2B2C5g2a	PB	PB04	136	1	CHT	0.6	3.6	1	2.1	285.888	521.406	32.79	94	10000	782.000	20156
2B2C5g2a	PB	PB05	103	1	CHT	0.6	3.6	1	2.1	216.391	394.656	32.79	71	10000	592.000	17687
2B2C5g2a	PB	PB06	103	1	CHT	0.6	3.6	1	2.1	217.138	396.019	32.79	71	10000	594.000	17714
2B2C5g2a	PB	PB07	135	1	CHT	0.6	3.6	1	2.1	283.958	517.885	32.79	93	10000	777.000	20088
2B2C5g2a	PB	PB08	135	1	CHT	0.6	3.6	1	2.1	283.862	517.711	32.79	93	10000	777.000	20084
2B2C5g2a	PB	PB09	121	1	CHT	0.6	3.6	1	2.1	254.814	464.733	32.79	84	10000	697.000	19052
2B2C5g2a	PB	PB10	125	1	CHT	0.6	3.6	1	2.1	262.079	477.983	32.79	86	10000	717.000	19311
2B2C5g2a	PB	PB11	114	1	CHT	0.6	3.6	1	2.1	239.262	436.368	32.79	78	10000	655.000	18500
2B2C5g2a	PB	PB12	109	1	CHT	0.6	3.6	1	2.1	229.587	418.723	32.79	75	10000	628.000	18156

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2a	PB	PB13	128	1	CHT	0.6	3.6	1	2.1	267.881	488.564	32.79	88	10000	733.000	19517
2B2C5g2a	PB	PB14	119	1	CHT	0.6	3.6	1	2.1	249.840	455.661	32.79	82	10000	683.000	18876
2B2C5g2a	PB	PB15	127	1	CHT	0.6	3.6	1	2.1	266.289	485.660	32.79	87	10000	728.000	19460
2B2C5g2a	PB	PB16	124	1	CHT	0.6	3.6	1	2.1	260.425	474.966	32.79	85	10000	712.000	19252
2B2C5g2a	PB	PB17	105	1	CHT	0.6	3.6	1	2.1	221.040	403.135	32.79	72	10000	605.000	17853
2B2C5g2a	PB	PB18	103	1	CHT	0.6	3.6	1	2.1	215.534	393.094	32.79	71	10000	590.000	17657
2B2C5g2a	PB	PB19	140	1	CHT	0.6	3.6	1	2.1	293.738	535.723	32.79	96	10000	804.000	20435
2B2C5g2a	PB	PB20	95	1	CHT	0.6	3.6	1	2.1	198.826	362.620	32.79	65	10000	544.000	17063
2B2C5g2a	PB	PB21	90	1	CHT	0.6	3.6	1	2.1	189.111	344.902	32.79	62	10000	517.000	16718
2B2C5g2a	PB	PB22	85	1	CHT	0.6	3.6	1	2.1	177.715	324.118	32.79	58	10000	486.000	16313
2B2C5g2a	PB	PB23	103	1	CHT	0.6	3.6	1	2.1	215.294	392.655	32.79	71	10000	589.000	17648
2B2C5g2a	PB	PB24	94	1	CHT	0.6	3.6	1	2.1	198.011	361.135	32.79	65	10000	542.000	17034
2B2C5g2a	PB	PB25	76	1	CHT	0.6	3.6	1	2.1	160.219	292.210	32.79	53	10000	438.000	15692
2B2C5g2a	PB	PB26	92	1	CHT	0.6	3.6	1	2.1	192.822	351.670	32.79	63	10000	528.000	16850
2B2C5g2a	PB	PB27	71	1	CHT	0.6	3.6	1	2.1	148.122	270.145	32.79	49	10000	405.000	15262
2B2C5g2a	PB	PB28	93	1	CHT	0.6	3.6	1	2.1	195.909	357.301	32.79	64	10000	536.000	16960
2B2C5g2a	PB	PB29	146	1	CHT	0.6	3.6	1	2.1	306.892	559.713	32.79	101	10000	840.000	20903
2B2C5g2a	PB	PB30	94	1	CHT	0.6	3.6	1	2.1	196.605	358.571	32.79	64	10000	538.000	16985
2B2C5g2a	PB	PB31	114	1	CHT	0.6	3.6	1	2.1	238.751	435.437	32.79	78	10000	653.000	18482
2B2C5g2a	PB	PB32	108	1	CHT	0.6	3.6	1	2.1	227.030	414.059	32.79	74	10000	621.000	18065
2B2C5g2a	PB	PB33	105	1	CHT	0.6	3.6	1	2.1	220.459	402.075	32.79	72	10000	603.000	17832
2B2C5g2a	PB	PB34	158	1	CHT	0.6	3.6	1	2.1	331.060	603.790	32.79	109	10000	906.000	21761
2B2C5g2a	PB	PB35	122	1	CHT	0.6	3.6	1	2.1	255.824	466.573	32.79	84	10000	700.000	19088
2B2C5g2a	PB	PB36	153	1	CHT	0.6	3.6	1	2.1	320.892	585.246	32.79	105	10000	878.000	21400
2B2C5g2a	PB	PB37	247	3	CHT	0.6	3.6	1	2.1	519.588	947.630	32.79	170	30000	1421.000	48459

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2a	PB	PB38	191	3	CHT	0.6	3.6	1	2.1	400.151	729.798	32.79	131	30000	1095.000	44216
2B2C5g2a	PB	PB39	72	1	CHT	0.6	3.6	1	2.1	151.162	275.690	32.79	50	10000	414.000	15370
2B2C5g2a	PB	PB40	84	1	CHT	0.6	3.6	1	2.1	175.612	320.283	32.79	58	10000	480.000	16239
2B2C5g2a	PB	PB41	173	3	CHT	0.6	3.6	1	2.1	363.023	662.084	32.79	119	30000	993.000	42897
2B2C5g2a	PB	PB42	248	3	CHT	0.6	3.6	1	2.1	520.148	948.652	32.79	171	30000	1423.000	48479
2B2C5g2a	PB	PB43	156	1	CHT	0.6	3.6	1	2.1	328.013	598.233	32.79	108	10000	897.000	21653
2B2C5g2a	PB	PB44	124	1	CHT	0.6	3.6	1	2.1	260.325	474.784	32.79	85	10000	712.000	19248
2B2C5g2a	PB	PB45	159	1	CHT	0.6	3.6	1	2.1	333.680	608.569	32.79	109	10000	913.000	21854
2B2C5g2a	PB	PB46	108	1	CHT	0.6	3.6	1	2.1	227.640	415.172	32.79	75	10000	623.000	18087
2B2C5g2a	PB	PB47	114	1	CHT	0.6	3.6	1	2.1	239.106	436.084	32.79	78	10000	654.000	18494
2B2C5g2a	PB	PB48	112	1	CHT	0.6	3.6	1	2.1	234.584	427.837	32.79	77	10000	642.000	18334
2B2C5g2a	PB	PB49	98	1	CHT	0.6	3.6	1	2.1	206.254	376.167	32.79	68	10000	564.000	17327
2B2C5g2a	PB	PB50	144	1	CHT	0.6	3.6	1	2.1	302.081	550.938	32.79	99	10000	826.000	20732
2B2C5g2a	PB	PB51	97	1	CHT	0.6	3.6	1	2.1	203.766	371.630	32.79	67	10000	557.000	17239
2B2C5g2a	PB	PB52	78	1	CHT	0.6	3.6	1	2.1	164.074	299.240	32.79	54	10000	449.000	15829
2B2C5g2a	PB	PB53	98	1	CHT	0.6	3.6	1	2.1	204.879	373.661	32.79	67	10000	560.000	17278
2B2C5g2a	PB	PB54	72	1	CHT	0.6	3.6	1	2.1	151.055	275.496	32.79	50	10000	413.000	15366
2B2C5g2a	PB	PB55	95	1	CHT	0.6	3.6	1	2.1	198.744	362.471	32.79	65	10000	544.000	17061
2B2C5g2a	PB	PB56	103	1	CHT	0.6	3.6	1	2.1	215.785	393.550	32.79	71	10000	590.000	17666
2B2C5g2a	PB	PB57	84	1	CHT	0.6	3.6	1	2.1	176.618	322.117	32.79	58	10000	483.000	16274
2B2C5g2a	PB	PB58	90	1	CHT	0.6	3.6	1	2.1	188.357	343.527	32.79	62	10000	515.000	16692
2B2C5g2a	PB	PB59	93	1	CHT	0.6	3.6	1	2.1	195.331	356.246	32.79	64	10000	534.000	16939
2B2C5g2a	PB	PB60	142	1	CHT	0.6	3.6	1	2.1	298.978	545.279	32.79	98	10000	818.000	20621
2B2C5g2a	PB	PB61	92	1	CHT	0.6	3.6	1	2.1	193.625	353.136	32.79	63	10000	530.000	16879
2B2C5g2a	PB	PB62	68	1	CHT	0.6	3.6	1	2.1	143.195	261.160	32.79	47	10000	392.000	15087

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Total	14537							26185.090			8597			2151463
2B2C5g2a	PND	PND01			1	HMP					0					235219
2B2C5g2a	PND	PND02			1	HMP					0					95018
2B2C5g2a	PND	PND03			1	HMP					0					101937
2B2C5g2a	PND	PND04			1	HMP					0					95834
2B2C5g2a	PND	PND05			1	HMP					0					99902
		Total														627910
2B2C5g2a	AFF	AFF01	2047								0					6140
2B2C5g2a	AFF	AFF02	7946								0					23838
2B2C5g2a	AFF	AFF03	1353								0					4058
2B2C5g2a	AFF	AFF04	7756								0					23269
		Total														57305
		Grand total														2836678

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm.	Earth Work Cum	Sodding area sqm	Rate	EW Cost	Outlet Cost	Sodding Area	Sodding Cost
						Top	Base	Height								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2b	CB	CB01	159			0.45	2.25	0.6	0.81	128.513	390.299	32.79	42	0	585.000	4799
2B2C5g2b	CB	CB02	148			0.45	2.25	0.6	0.81	120.150	364.899	32.79	39	0	547.000	4487
2B2C5g2b	CB	CB03	195			0.45	2.25	0.6	0.81	157.881	479.491	32.79	52	0	719.000	5896
2B2C5g2b	CB	CB04	310			0.45	2.25	0.6	0.81	250.985	762.252	32.79	82	0	1143.000	9373
2B2C5g2b	CB	CB05	209			0.45	2.25	0.6	0.81	169.676	515.312	32.79	56	0	773.000	6337
2B2C5g2b	CB	CB06	342			0.45	2.25	0.6	0.81	276.897	840.945	32.79	91	0	1261.000	10341

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2b	CB	CB07	237			0.45	2.25	0.6	0.81	191.807	582.524	32.79	63	0	874.000	7163
2B2C5g2b	CB	CB08	615			0.45	2.25	0.6	0.81	498.520	1514.023	32.79	163	0	2271.000	18617
2B2C5g2b	CB	CB09	221			0.45	2.25	0.6	0.81	178.921	543.391	32.79	59	0	815.000	6682
2B2C5g2b	CB	CB10	177			0.45	2.25	0.6	0.81	143.034	434.399	32.79	47	0	652.000	5342
2B2C5g2b	CB	CB11	272			0.45	2.25	0.6	0.81	220.291	669.032	32.79	72	0	1004.000	8227
2B2C5g2b	CB	CB12	193			0.45	2.25	0.6	0.81	156.060	473.959	32.79	51	0	711.000	5828
2B2C5g2b	CB	CB13	254			0.45	2.25	0.6	0.81	205.576	624.341	32.79	67	0	937.000	7677
2B2C5g2b	CB	CB14	232			0.45	2.25	0.6	0.81	187.545	569.583	32.79	61	0	854.000	7004
2B2C5g2b	CB	CB15	273			0.45	2.25	0.6	0.81	221.025	671.262	32.79	72	0	1007.000	8254
2B2C5g2b	CB	CB16	221			0.45	2.25	0.6	0.81	179.229	544.326	32.79	59	0	816.000	6693
2B2C5g2b	CB	CB17	170			0.45	2.25	0.6	0.81	137.477	417.523	32.79	45	0	626.000	5134
2B2C5g2b	CB	CB18	211			0.45	2.25	0.6	0.81	170.834	518.829	32.79	56	0	778.000	6380
2B2C5g2b	CB	CB19	1170			0.45	2.25	0.6	0.81	947.373	2877.207	32.79	311	0	4316.000	35380
2B2C5g2b	CB	CB20	264			0.45	2.25	0.6	0.81	213.804	649.331	32.79	70	0	974.000	7985
2B2C5g2b	CB	CB21	354			0.45	2.25	0.6	0.81	286.958	871.502	32.79	94	0	1307.000	10717
2B2C5g2b	CB	CB22	146			0.45	2.25	0.6	0.81	118.553	360.050	32.79	39	0	540.000	4427
2B2C5g2b	CB	CB23	147			0.45	2.25	0.6	0.81	119.422	362.690	32.79	39	0	544.000	4460
2B2C5g2b	CB	CB24	130			0.45	2.25	0.6	0.81	105.000	318.888	32.79	34	0	478.000	3921
2B2C5g2b	CB	CB25	541			0.45	2.25	0.6	0.81	437.957	1330.092	32.79	144	0	1995.000	16356
2B2C5g2b	CB	CB26	297			0.45	2.25	0.6	0.81	240.328	729.884	32.79	79	0	1095.000	8975
2B2C5g2b	CB	CB27	130			0.45	2.25	0.6	0.81	105.274	319.722	32.79	35	0	480.000	3932
2B2C5g2b	CB	CB28	119			0.45	2.25	0.6	0.81	96.408	292.794	32.79	32	0	439.000	3600
2B2C5g2b	CB	CB29	113			0.45	2.25	0.6	0.81	91.834	278.903	32.79	30	0	418.000	3430
2B2C5g2b	CB	CB30	390			0.45	2.25	0.6	0.81	315.781	959.039	32.79	104	0	1439.000	11793
2B2C5g2b	CB	CB31	355			0.45	2.25	0.6	0.81	287.656	873.622	32.79	94	0	1310.000	10743

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2b	CB	CB32	207			0.45	2.25	0.6	0.81	167.666	509.209	32.79	55	0	764.000	6262
2B2C5g2b	CB	CB33	228			0.45	2.25	0.6	0.81	184.940	561.670	32.79	61	0	843.000	6907
2B2C5g2b	CB	CB34	231			0.45	2.25	0.6	0.81	187.233	568.633	32.79	61	0	853.000	6992
2B2C5g2b	CB	CB35	149			0.45	2.25	0.6	0.81	120.746	366.711	32.79	40	0	550.000	4509
2B2C5g2b	CB	CB36	279			0.45	2.25	0.6	0.81	225.793	685.740	32.79	74	0	1029.000	8432
2B2C5g2b	CB	CB37	115			0.45	2.25	0.6	0.81	93.505	283.978	32.79	31	0	426.000	3492
2B2C5g2b	CB	CB38	74			0.45	2.25	0.6	0.81	59.780	181.554	32.79	20	0	272.000	2233
2B2C5g2b	CB	CB39	195			0.45	2.25	0.6	0.81	157.924	479.621	32.79	52	0	719.000	5898
2B2C5g2b	CB	CB40	97			0.45	2.25	0.6	0.81	78.938	239.736	32.79	26	0	360.000	2948
2B2C5g2b	CB	CB41	319			0.45	2.25	0.6	0.81	258.516	785.122	32.79	85	0	1178.000	9654
2B2C5g2b	CB	CB42	129			0.45	2.25	0.6	0.81	104.656	317.845	32.79	34	0	477.000	3908
2B2C5g2b	CB	CB43	350			0.45	2.25	0.6	0.81	283.143	859.915	32.79	93	0	1290.000	10574
2B2C5g2b	CB	CB44	271			0.45	2.25	0.6	0.81	219.649	667.083	32.79	72	0	1001.000	8203
2B2C5g2b	CB	CB45	432			0.45	2.25	0.6	0.81	349.668	1061.954	32.79	115	0	1593.000	13059
2B2C5g2b	CB	CB46	99			0.45	2.25	0.6	0.81	80.389	244.144	32.79	26	0	366.000	3002
2B2C5g2b	CB	CB47	312			0.45	2.25	0.6	0.81	252.626	767.235	32.79	83	0	1151.000	9434
2B2C5g2b	CB	CB48	204			0.45	2.25	0.6	0.81	164.836	500.613	32.79	54	0	751.000	6156
2B2C5g2b	CB	CB49	125			0.45	2.25	0.6	0.81	101.405	307.972	32.79	33	0	462.000	3787
2B2C5g2b	CB	CB50	343			0.45	2.25	0.6	0.81	278.076	844.528	32.79	91	0	1267.000	10385
2B2C5g2b	CB	CB51	366			0.45	2.25	0.6	0.81	296.640	900.907	32.79	97	0	1351.000	11078
2B2C5g2b	CB	CB52	141			0.45	2.25	0.6	0.81	114.547	347.884	32.79	38	0	522.000	4278
2B2C5g2b	CB	CB53	168			0.45	2.25	0.6	0.81	135.878	412.666	32.79	45	0	619.000	5074
2B2C5g2b	CB	CB54	229			0.45	2.25	0.6	0.81	185.745	564.115	32.79	61	0	846.000	6937
2B2C5g2b	CB	CB55	216			0.45	2.25	0.6	0.81	175.138	531.900	32.79	57	0	798.000	6541
2B2C5g2b	CB	CB56	144			0.45	2.25	0.6	0.81	116.355	353.375	32.79	38	0	530.000	4345

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2b	CB	CB57	212			0.45	2.25	0.6	0.81	171.669	521.366	32.79	56	0	782.000	6411
2B2C5g2b	CB	CB58	146			0.45	2.25	0.6	0.81	118.663	360.384	32.79	39	0	541.000	4432
2B2C5g2b	CB	CB59	197			0.45	2.25	0.6	0.81	159.533	484.508	32.79	52	0	727.000	5958
2B2C5g2b	CB	CB60	202			0.45	2.25	0.6	0.81	163.918	497.826	32.79	54	0	747.000	6122
2B2C5g2b	CB	CB61	251			0.45	2.25	0.6	0.81	203.210	617.157	32.79	67	0	926.000	7589
2B2C5g2b	CB	CB62	210			0.45	2.25	0.6	0.81	169.994	516.278	32.79	56	0	774.000	6349
2B2C5g2b	CB	CB63	117			0.45	2.25	0.6	0.81	95.138	288.938	32.79	31	0	433.000	3553
2B2C5g2b	CB	CB64	413			0.45	2.25	0.6	0.81	334.373	1015.505	32.79	110	0	1523.000	12487
2B2C5g2b	CB	CB65	96			0.45	2.25	0.6	0.81	77.753	236.138	32.79	25	0	354.000	2904
2B2C5g2b	CB	CB66	225			0.45	2.25	0.6	0.81	182.170	553.256	32.79	60	0	830.000	6803
2B2C5g2b	CB	CB67	126			0.45	2.25	0.6	0.81	102.310	310.720	32.79	34	0	466.000	3821
2B2C5g2b	CB	CB68	334			0.45	2.25	0.6	0.81	270.229	820.695	32.79	89	0	1231.000	10092
2B2C5g2b	CB	CB69	278			0.45	2.25	0.6	0.81	224.892	683.006	32.79	74	0	1025.000	8399
2B2C5g2b	CB	CB70	80			0.45	2.25	0.6	0.81	65.135	197.818	32.79	21	0	297.000	2433
2B2C5g2b	CB	CB71	240			0.45	2.25	0.6	0.81	194.346	590.235	32.79	64	0	885.000	7258
2B2C5g2b	CB	CB72	467			0.45	2.25	0.6	0.81	377.959	1147.876	32.79	124	0	1722.000	14115
2B2C5g2b	CB	CB73	227			0.45	2.25	0.6	0.81	183.515	557.342	32.79	60	0	836.000	6853
2B2C5g2b	CB	CB74	166			0.45	2.25	0.6	0.81	134.179	407.506	32.79	44	0	611.000	5011
2B2C5g2b	CB	CB75	262			0.45	2.25	0.6	0.81	212.264	644.652	32.79	70	0	967.000	7927
2B2C5g2b	CRB	CRB01	343	3	HMP	2	3.5	0.6	1.65	565.737	2149.802	32.79	186	90000	3225.000	111775
2B2C5g2b	CRB	CRB02	717	7	HMP	2	3.5	0.6	1.65	1183.163	4496.020	32.79	388	210000	6744.000	255540
2B2C5g2b	CRB	CRB03	206	2	HMP	2	3.5	0.6	1.65	339.386	1289.667	32.79	111	60000	1935.000	73063
2B2C5g2b	CRB	CRB04	776	8	HMP	2	3.5	0.6	1.65	1279.751	4863.055	32.79	420	240000	7295.000	289258
2B2C5g2b	CRB	CRB05	507	5	HMP	2	3.5	0.6	1.65	836.181	3177.488	32.79	274	150000	4766.000	182185
2B2C5g2b	CRB	CRB06	189	2	HMP	2	3.5	0.6	1.65	311.553	1183.902	32.79	102	60000	1776.000	71992

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2b	CRB	CRB07	750	8	HMP	2	3.5	0.6	1.65	1237.956	4704.231	32.79	406	240000	7056.000	287649
2B2C5g2b	MB	MB01	612	6	CHT	0.6	3.6	1	2.1	1285.284	2344.113	32.79	421	60000	3516.000	105661
2B2C5g2b	MB	MB02	3245	32	CHT	0.6	3.6	1	2.1	6814.414	12428.193	32.79	2234	320000	18642.000	562087
2B2C5g2b	MB	MB03	271	4	CHT	0.6	3.6	1	2.1	568.473	1036.787	32.79	186	40000	1555.000	60195
2B2C5g2b	MB	MB04	221	2	CHT	0.6	3.6	1	2.1	464.802	847.710	32.79	152	20000	1272.000	36512
2B2C5g2b	MB	MB05	173	2	CHT	0.6	3.6	1	2.1	364.079	664.011	32.79	119	20000	996.000	32934
2B2C5g2b	MB	MB06	344	4	CHT	0.6	3.6	1	2.1	722.599	1317.883	32.79	237	40000	1977.000	65671
2B2C5g2b	MB	MB07	241	2	CHT	0.6	3.6	1	2.1	505.764	922.418	32.79	166	20000	1384.000	37968
2B2C5g2b	MB	MB08	1624	16	CHT	0.6	3.6	1	2.1	3410.585	6220.258	32.79	1118	160000	9330.000	281163
2B2C5g2b	MB	MB09	607	12	CHT	0.6	3.6	1	2.1	1274.587	2324.604	32.79	418	120000	3487.000	165281
2B2C5g2b	MB	MB10	253	2	CHT	0.6	3.6	1	2.1	531.412	969.194	32.79	174	20000	1454.000	38879
2B2C5g2b	MB	MB11	251	2	CHT	0.6	3.6	1	2.1	526.806	960.794	32.79	173	20000	1441.000	38715
2B2C5g2b	MB	MB12	672	6	CHT	0.6	3.6	1	2.1	1411.972	2575.167	32.79	463	60000	3863.000	110161
2B2C5g2b	MB	MB13	1004	10	CHT	0.6	3.6	1	2.1	2108.220	3844.992	32.79	691	100000	5767.000	174896
2B2C5g2b	MB	MB14	1443	10	CHT	0.6	3.6	1	2.1	3029.372	5524.998	32.79	993	100000	8287.000	207621
2B2C5g2b	MB	MB15	392	4	CHT	0.6	3.6	1	2.1	823.833	1502.514	32.79	270	40000	2254.000	69267
2B2C5g2b	MB	MB16	143	2	CHT	0.6	3.6	1	2.1	300.675	548.375	32.79	99	20000	823.000	30682
2B2C5g2b	MB	MB17	261		CHT	0.6	3.6	1	2.1	547.262	998.102	32.79	179	0	1497.000	19442
2B2C5g2b	PB	PB01	25	1	CHT	0.6	3.6	1	2.1	52.446	95.652	32.79	17	10000	143.000	11863
2B2C5g2b	PB	PB02	18	1	CHT	0.6	3.6	1	2.1	36.878	67.258	32.79	12	10000	101.000	11310
2B2C5g2b	PB	PB03	112	1	CHT	0.6	3.6	1	2.1	236.155	430.702	32.79	77	10000	646.000	18390
2B2C5g2b	PB	PB04	162	1	CHT	0.6	3.6	1	2.1	340.387	620.802	32.79	112	10000	931.000	22093
2B2C5g2b	PB	PB05	104	1	CHT	0.6	3.6	1	2.1	218.341	398.213	32.79	72	10000	597.000	17757
2B2C5g2b	PB	PB06	90	1	CHT	0.6	3.6	1	2.1	189.528	345.663	32.79	62	10000	518.000	16733
2B2C5g2b	PB	PB07	110	1	CHT	0.6	3.6	1	2.1	230.490	420.370	32.79	76	10000	631.000	18188

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2b	PB	PB08	133	1	CHT	0.6	3.6	1	2.1	278.489	507.912	32.79	91	10000	762.000	19894
2B2C5g2b	PB	PB09	111	1	CHT	0.6	3.6	1	2.1	233.780	426.371	32.79	77	10000	640.000	18305
2B2C5g2b	PB	PB10	56	1	CHT	0.6	3.6	1	2.1	118.438	216.008	32.79	39	10000	324.000	14208
2B2C5g2b	WHD	WHD01	134	1	HMP	3	15	3	27	3614.999	2198.455	47.06	1701	40000	3298.000	213420
		Total	34571							50800.611			17184			4243333
2B2C5g2b	CD	CD01	10	1	MSN						0			0	0.000	600000
2B2C5g2b	PND	PND01		1	HMP						0					93064
2B2C5g2b	PND	PND02		1	HMP						0					91892
2B2C5g2b	PND	PND03		1	HMP						0					86541
2B2C5g2b	PND	PND04		1	HMP						0					83357
2B2C5g2b	PND	PND05		1	HMP						0					119257
2B2C5g2b	PND	PND06		1	HMP						0					133084
		Total														1207195
2B2C5g2b	AFF	AFF01	9439								0					28317
2B2C5g2b	AFF	AFF01	1352								0					16230
2B2C5g2b	AFF	AFF02	4714								0					14142
2B2C5g2b	AFF	AFF02	1363								0					16350
2B2C5g2b	AFF	AFF03	2996								0					8987
2B2C5g2b	AFF	AFF03	888								0					10650
2B2C5g2b	AFF	AFF04	4304								0					12912
2B2C5g2b	AFF	AFF04	876								0					10500
2B2C5g2b	AFF	AFF05	1845								0					5535
2B2C5g2b	AFF	AFF05	665								0					7980
2B2C5g2b	AFF	AFF06	3572								0					10717
2B2C5g2b	AFF	AFF06	657								0					7890

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5g2b	AFF	AFF07	5171								0					15514
2B2C5g2b	AFF	AFF07	928								0					11130
2B2C5g2b	AFF	AFF08	444								0					1333
2B2C5g2b	AFF	AFF08	543								0					6510
2B2C5g2b	AFF	AFF09	4049								0					12146
2B2C5g2b	AFF	AFF09	571								0					6840
2B2C5g2b	AFF	AFF10	481								0					1444
2B2C5g2b	AFF	AFF10	556								0					6660
2B2C5g2b	AFF	AFF11	3165								0					9496
2B2C5g2b	AFF	AFF11	317								0					3810
2B2C5g2b	AFF	AFF12	1050								0					3149
2B2C5g2b	AFF	AFF12	616								0					7380
2B2C5g2b	AFF	AFF13	478								0					1434
2B2C5g2b	AFF	AFF13	658								0					7890
2B2C5g2b	AFF	AFF14	4811								0					14434
2B2C5g2b	AFF	AFF14	594								0					7140
2B2C5g2b	AFF	AFF15	3385								0					10154
2B2C5g2b	AFF	AFF15	609								0					7320
2B2C5g2b	AFF	AFF16	2417								0					7251
2B2C5g2b	AFF	AFF17	14101								0					42303
		Total														333548
		Grand total														5784076

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

2B2C5h1a	CB	CB01	317	1	CHT	0.45	2.25	0.6	0.81	256.500	779.000	32.79	84	4000	1168.000	13579
2B2C5h1a	CB	CB02	453	1	CHT	0.45	2.25	0.6	0.81	367.057	1114.765	32.79	120	4000	1672.000	17708
2B2C5h1a	CB	CB03	456	2	CHT	0.45	2.25	0.6	0.81	369.700	1122.793	32.79	121	8000	1684.000	21807
2B2C5h1a	CB	CB04	1161	3	CHT	0.45	2.25	0.6	0.81	940.505	2856.348	32.79	308	12000	4285.000	47124
2B2C5h1a	CB	CB05	396	1	CHT	0.45	2.25	0.6	0.81	320.751	974.132	32.79	105	4000	1461.000	15979
2B2C5h1a	CB	CB06	941	3	CHT	0.45	2.25	0.6	0.81	762.408	2315.461	32.79	250	12000	3473.000	40473
2B2C5h1a	CB	CB07	555	1	CHT	0.45	2.25	0.6	0.81	449.315	1364.587	32.79	147	4000	2047.000	20780
2B2C5h1a	CB	CB08	648	2	CHT	0.45	2.25	0.6	0.81	525.176	1594.979	32.79	172	8000	2392.000	27613
2B2C5h1a	MB	MB01	1164	4	CHT	0.6	3.6	1	2.1	2445.295	4459.753	32.79	802	40000	6690.000	126871
2B2C5h1a	MB	MB02	502	2	CHT	0.6	3.6	1	2.1	1053.968	1922.236	32.79	346	20000	2883.000	57443
2B2C5h1a	MB	MB03	1160	4	CHT	0.6	3.6	1	2.1	2436.408	4443.545	32.79	799	40000	6665.000	126555
2B2C5h1a	PB	PB01	488	1	CHT	0.6	3.6	1	2.1	1023.864	1867.334	32.79	336	10000	2801.000	46374
2B2C5h1a	PB	PB02	498	1	CHT	0.6	3.6	1	2.1	1046.225	1908.115	32.79	343	10000	2862.000	47168
2B2C5h1a	PB	PB03	442	1	CHT	0.6	3.6	1	2.1	927.977	1692.453	32.79	304	10000	2539.000	42967
2B2C5h1a	PB	PB04	292	1	CHT	0.6	3.6	1	2.1	613.622	1119.129	32.79	201	10000	1679.000	31799
2B2C5h1a	PB	PB05	492	1	CHT	0.6	3.6	1	2.1	1033.657	1885.193	32.79	339	10000	2828.000	46721
2B2C5h1a	PB	PB06	241	1	CHT	0.6	3.6	1	2.1	506.683	924.092	32.79	166	10000	1386.000	28000
<b>Total</b>				<b>10210</b>					<b>15090.111</b>				<b>4957</b>			<b>758978</b>
2B2C5h1a	PND	PND01		1	HMP						0					91102
2B2C5h1a	PND	PND02		1	HMP						0					101448
2B2C5h1a	PND	PND03		1	HMP						0					117774
<b>Total</b>																<b>310324</b>
2B2C5h1a	AFF	AFF01	5897								0					17692

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1a	AFF	AFF02	1054								0					3162
2B2C5h1a	AFF	AFF03	2127								0					6382
2B2C5h1a	AFF	AFF04	4173								0					12518
2B2C5h1a	AFF	AFF05	1090								0					3269
2B2C5h1a	AFF	AFF06	1632								0					4895
<b>Total</b>																<b>47918</b>
<b>Grand total</b>																<b>1117220</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm.	Earth Work Cum	Sodding area sqm	Rate	EW Cost	Outlet Cost	Sodding Area	Sodding Cost
						Top	Base	Height								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1b	CB	CB01	425	1	CHT	0.45	2.25	0.6	0.81	344.310	1045.683	32.79	113	4000	1569.000	16858
2B2C5h1b	CB	CB02	1452	4	CHT	0.45	2.25	0.6	0.81	1176.330	3572.557	32.79	386	16000	5359.000	59931
2B2C5h1b	CB	CB03	1910	5	CHT	0.45	2.25	0.6	0.81	1547.484	4699.766	32.79	507	20000	7050.000	77792
2B2C5h1b	CB	CB04	232	1	CHT	0.45	2.25	0.6	0.81	187.668	569.954	32.79	62	4000	855.000	11009
2B2C5h1b	CB	CB05	1088	3	CHT	0.45	2.25	0.6	0.81	881.268	2676.444	32.79	289	12000	4015.000	44911
2B2C5h1b	MB	MB01	677	4	CHT	0.6	3.6	1	2.1	1421.997	2593.452	32.79	466	40000	3890.000	90517
2B2C5h1b	PB	PB01	459	2	CHT	0.6	3.6	1	2.1	964.620	1759.283	32.79	316	20000	2639.000	54269
2B2C5h1b	PB	PB02	284	2	CHT	0.6	3.6	1	2.1	595.716	1086.472	32.79	195	20000	1630.000	41163
2B2C5h1b	PB	PB03	551	3	CHT	0.6	3.6	1	2.1	1157.539	2111.130	32.79	380	30000	3167.000	71122
2B2C5h1b	PB	PB04	290	2	CHT	0.6	3.6	1	2.1	609.394	1111.419	32.79	200	20000	1667.000	41649

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h1b	PB	PB05	277	2	CHT	0.6	3.6	1	2.1	580.660	1059.013	32.79	190	20000	1589.000	40628	
2B2C5h1b	PB	PB06	323	2	CHT	0.6	3.6	1	2.1	678.735	1237.884	32.79	223	20000	1857.000	44113	
2B2C5h1b	PB	PB07	374	2	CHT	0.6	3.6	1	2.1	784.360	1430.523	32.79	257	20000	2146.000	47865	
	<b>Total</b>		<b>8346</b>							<b>10941.080</b>				<b>3598</b>			<b>641844</b>
2B2C5h1b	PND	PND01		2	HMP						0						193006
2B2C5h1b	PND	PND02		2	HMP						0						195334
2B2C5h1b	PND	PND03		2	HMP						0						183113
	<b>Total</b>																<b>571453</b>
2B2C5h1b	AFF	AFF01	1744								0						5231
2B2C5h1b	AFF	AFF02	1961								0						5882
2B2C5h1b	AFF	AFF03	1312								0						3935
2B2C5h1b	AFF	AFF04	1284								0						3852
2B2C5h1b	AFF	AFF05	2780								0						8340
2B2C5h1b	AFF	AFF06	1357								0						4072
2B2C5h1b	AFF	AFF07	1372								0						4116
2B2C5h1b	AFF	AFF08	1713								0						5138
	<b>Total</b>																<b>40566</b>
	<b>Grand total</b>																<b>1253863</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

2B2C5h1c	CB	CB01	73			0.45	2.25	0.6	0.81	58.923	178.951	32.79	19	0	268.000	2201
2B2C5h1c	CB	CB02	163			0.45	2.25	0.6	0.81	132.424	402.178	32.79	43	0	603.000	4945
2B2C5h1c	CB	CB03	213			0.45	2.25	0.6	0.81	172.444	523.720	32.79	57	0	786.000	6440
2B2C5h1c	CB	CB04	738			0.45	2.25	0.6	0.81	597.685	1815.191	32.79	196	0	2723.000	22321
2B2C5h1c	CB	CB05	148			0.45	2.25	0.6	0.81	119.517	362.979	32.79	39	0	544.000	4463
2B2C5h1c	CB	CB06	552			0.45	2.25	0.6	0.81	447.470	1358.982	32.79	147	0	2038.000	16711
2B2C5h1c	CB	CB07	463			0.45	2.25	0.6	0.81	374.898	1138.580	32.79	123	0	1708.000	14001
2B2C5h1c	CB	CB08	390			0.45	2.25	0.6	0.81	315.909	959.429	32.79	104	0	1439.000	11798
2B2C5h1c	CB	CB09	292			0.45	2.25	0.6	0.81	236.530	718.351	32.79	78	0	1078.000	8833
2B2C5h1c	CB	CB10	441			0.45	2.25	0.6	0.81	357.029	1084.311	32.79	117	0	1626.000	13333
2B2C5h1c	CB	CB11	294			0.45	2.25	0.6	0.81	238.199	723.419	32.79	78	0	1085.000	8896
2B2C5h1c	CB	CB12	259			0.45	2.25	0.6	0.81	210.153	638.243	32.79	69	0	957.000	7848
2B2C5h1c	CB	CB13	788			0.45	2.25	0.6	0.81	638.269	1938.446	32.79	209	0	2908.000	23837
2B2C5h1c	CB	CB14	245			0.45	2.25	0.6	0.81	198.355	602.412	32.79	65	0	904.000	7408
2B2C5h1c	CB	CB15	250			0.45	2.25	0.6	0.81	202.858	616.087	32.79	67	0	924.000	7576
2B2C5h1c	CB	CB16	205			0.45	2.25	0.6	0.81	165.778	503.474	32.79	54	0	755.000	6191
2B2C5h1c	CB	CB17	238			0.45	2.25	0.6	0.81	192.697	585.227	32.79	63	0	878.000	7196
2B2C5h1c	CB	CB18	868			0.45	2.25	0.6	0.81	703.465	2136.450	32.79	231	0	3205.000	26271
2B2C5h1c	CB	CB19	405			0.45	2.25	0.6	0.81	328.002	996.155	32.79	108	0	1494.000	12249
2B2C5h1c	CB	CB20	430			0.45	2.25	0.6	0.81	348.144	1057.326	32.79	114	0	1586.000	13002
2B2C5h1c	CB	CB21	701			0.45	2.25	0.6	0.81	568.143	1725.471	32.79	186	0	2588.000	21218
2B2C5h1c	CB	CB22	1181			0.45	2.25	0.6	0.81	956.624	2905.303	32.79	314	0	4358.000	35726

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1c	CB	CB23	514			0.45	2.25	0.6	0.81	416.196	1264.004	32.79	136	0	1896.000	15543
2B2C5h1c	CB	CB24	220			0.45	2.25	0.6	0.81	178.056	540.764	32.79	58	0	811.000	6650
2B2C5h1c	CB	CB25	17			0.45	2.25	0.6	0.81	13.829	42.000	32.79	5	0	63.000	516
2B2C5h1c	CB	CB26	427			0.45	2.25	0.6	0.81	345.607	1049.622	32.79	113	0	1574.000	12907
2B2C5h1c	CB	CB27	953			0.45	2.25	0.6	0.81	772.239	2345.318	32.79	253	0	3518.000	28840
2B2C5h1c	CB	CB28	328			0.45	2.25	0.6	0.81	266.060	808.036	32.79	87	0	1212.000	9936
2B2C5h1c	CB	CB29	431			0.45	2.25	0.6	0.81	348.875	1059.546	32.79	114	0	1589.000	13029
2B2C5h1c	CB	CB30	770			0.45	2.25	0.6	0.81	623.333	1893.085	32.79	204	0	2840.000	23279
2B2C5h1c	CB	CB31	624			0.45	2.25	0.6	0.81	505.175	1534.236	32.79	166	0	2301.000	18866
2B2C5h1c	CB	CB32	531			0.45	2.25	0.6	0.81	430.485	1307.399	32.79	141	0	1961.000	16077
2B2C5h1c	CB	CB33	407			0.45	2.25	0.6	0.81	329.557	1000.876	32.79	108	0	1501.000	12307
2B2C5h1c	CRB	CRB01	1087	11	HMP	2	3.5	0.6	1.65	1792.929	6813.131	32.79	588	330000	10220.000	399010
2B2C5h1c	CRB	CRB02	293	3	HMP	2	3.5	0.6	1.65	483.034	1835.530	32.79	158	90000	2753.000	108592
2B2C5h1c	CRB	CRB03	606	6	HMP	2	3.5	0.6	1.65	1000.200	3800.761	32.79	328	180000	5701.000	218498
2B2C5h1c	MB	MB01	556	3	CHT	0.6	3.6	1	2.1	1167.575	2129.434	32.79	383	30000	3194.000	71479
2B2C5h1c	MB	MB02	358	8	CHT	0.6	3.6	1	2.1	752.656	1372.701	32.79	247	80000	2059.000	106739
2B2C5h1c	MB	MB03	462	9	CHT	0.6	3.6	1	2.1	969.854	1768.828	32.79	318	90000	2653.000	124455
2B2C5h1c	MB	MB04	278	9	CHT	0.6	3.6	1	2.1	584.274	1065.604	32.79	192	90000	1598.000	110757
2B2C5h1c	MB	MB05	307	5	CHT	0.6	3.6	1	2.1	645.205	1176.730	32.79	212	50000	1765.000	72921
2B2C5h1c	PB	PB01	190	1	CHT	0.6	3.6	1	2.1	398.084	726.029	32.79	131	10000	1089.000	24142
2B2C5h1c	PB	PB02	137	1	CHT	0.6	3.6	1	2.1	287.120	523.652	32.79	94	10000	785.000	20200
2B2C5h1c	WHD	WHD01	188	9	HMP	3	15	3	27	5065.706	3080.700	47.06	2384	360000	4621.000	603013
		Total		19025						24950.566			8915			2300237
2B2C5h1c	PND	PND01		1	HMP							0				138335
		Total														138335

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1c	AFF	AFF01	12803								0					38409
2B2C5h1c	AFF	AFF01	1738								0					20850
2B2C5h1c	AFF	AFF02	1750								0					21000
2B2C5h1c	AFF	AFF03	991								0					11880
2B2C5h1c	AFF	AFF04	1092								0					13110
2B2C5h1c	AFF	AFF05	2087								0					25050
		Total														130299
		Grand Total														2568871
2B2C5h1d	CB	CB01	261			0.45	2.25	0.6	0.81	211.106	641.136	32.79	69	0	962.000	7884
2B2C5h1d	CB	CB02	305			0.45	2.25	0.6	0.81	246.844	749.674	32.79	81	0	1125.000	9219
2B2C5h1d	CB	CB03	180			0.45	2.25	0.6	0.81	145.578	442.126	32.79	48	0	663.000	5437
2B2C5h1d	CB	CB04	217			0.45	2.25	0.6	0.81	176.147	534.964	32.79	58	0	802.000	6578
2B2C5h1d	CB	CB05	1058			0.45	2.25	0.6	0.81	856.607	2601.548	32.79	281	0	3902.000	31990
2B2C5h1d	CB	CB06	426			0.45	2.25	0.6	0.81	344.939	1047.592	32.79	113	0	1571.000	12882
2B2C5h1d	CB	CB07	288			0.45	2.25	0.6	0.81	233.241	708.360	32.79	76	0	1063.000	8710
2B2C5h1d	CB	CB08	399			0.45	2.25	0.6	0.81	323.133	981.366	32.79	106	0	1472.000	12068
2B2C5h1d	CB	CB09	408			0.45	2.25	0.6	0.81	330.725	1004.423	32.79	108	0	1507.000	12351
2B2C5h1d	CB	CB10	315			0.45	2.25	0.6	0.81	255.088	774.712	32.79	84	0	1162.000	9526
2B2C5h1d	CB	CB11	689			0.45	2.25	0.6	0.81	558.283	1695.527	32.79	183	0	2543.000	20849
2B2C5h1d	CB	CB12	500			0.45	2.25	0.6	0.81	404.894	1229.677	32.79	133	0	1845.000	15121
2B2C5h1d	CB	CB13	350			0.45	2.25	0.6	0.81	283.460	860.878	32.79	93	0	1291.000	10586
2B2C5h1d	CB	CB14	492			0.45	2.25	0.6	0.81	398.441	1210.079	32.79	131	0	1815.000	14880
2B2C5h1d	CB	CB15	280			0.45	2.25	0.6	0.81	226.444	687.720	32.79	74	0	1032.000	8457
2B2C5h1d	CB	CB16	262			0.45	2.25	0.6	0.81	212.396	645.054	32.79	70	0	968.000	7932

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h1d	CB	CB17	280			0.45	2.25	0.6	0.81	226.766	688.697	32.79	74	0	1033.000	8469	
2B2C5h1d	CB	CB18	489	0		0.45	2.25	0.6	0.81	396.473	1204.102	32.79	130	0	1806.000	14806	
2B2C5h1d	CB	CB19	261	0		0.45	2.25	0.6	0.81	211.750	643.092	32.79	69	0	965.000	7908	
2B2C5h1d	CB	CB20	513	0		0.45	2.25	0.6	0.81	415.202	1260.985	32.79	136	0	1891.000	15506	
2B2C5h1d	CRB	CRB01	692	2	HMP	2	3.5	0.6	1.65	1142.035	4339.734	32.79	374	60000	6510.000	103957	
2B2C5h1d	ECD	ECD01	92	1	MSN	3	15	3	27	2480.529	1508.529	52.29	1297	15000	2263.000	146970	
2B2C5h1d	ECD	ECD02	86	1	MSN	3	15	3	27	2323.262	1412.888	52.29	1215	15000	2119.000	138603	
2B2C5h1d	ECD	ECD03	75	1	MSN	3	15	3	27	2014.955	1225.391	52.29	1054	15000	1838.000	122200	
2B2C5h1d	MB	MB01	1762	7	CHT	0.6	3.6	1	2.1	3700.474	6748.960	32.79	1213	70000	10123.000	201462	
						<b>Total</b>											<b>954368</b>
2B2C5h1d	PND	PND01			1	HMP						0					149739
2B2C5h1d	PND	PND02			1	HMP						0					167866
2B2C5h1d	PND	PND03			1	HMP						0					119407
						<b>Total</b>											<b>437012</b>
2B2C5h1d	AFF	AFF01	10430									0					31291
2B2C5h1d	AFF	AFF01	1594									0					19140
2B2C5h1d	AFF	AFF02	1584									0					19020
2B2C5h1d	AFF	AFF03	1713									0					20550
						<b>Total</b>											<b>90001</b>
						<b>Grand total</b>											<b>1481381</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1e	CB	CB01	211			0.45	2.25	0.6	0.81	171.079	519.574	32.79	56	0	779.000	6389
2B2C5h1e	CB	CB02	319			0.45	2.25	0.6	0.81	258.102	783.864	32.79	85	0	1176.000	9639
2B2C5h1e	CB	CB03	384			0.45	2.25	0.6	0.81	311.401	945.737	32.79	102	0	1419.000	11629
2B2C5h1e	CB	CB04	168			0.45	2.25	0.6	0.81	136.335	414.055	32.79	45	0	621.000	5092
2B2C5h1e	CB	CB05	855			0.45	2.25	0.6	0.81	692.632	2103.550	32.79	227	0	3155.000	25867
2B2C5h1e	CB	CB06	403			0.45	2.25	0.6	0.81	326.824	992.578	32.79	107	0	1489.000	12205
2B2C5h1e	CB	CB07	229			0.45	2.25	0.6	0.81	185.477	563.302	32.79	61	0	845.000	6927
2B2C5h1e	CB	CB08	195			0.45	2.25	0.6	0.81	158.339	480.883	32.79	52	0	721.000	5913
2B2C5h1e	CB	CB09	323			0.45	2.25	0.6	0.81	261.797	795.088	32.79	86	0	1193.000	9777
2B2C5h1e	CB	CB10	422			0.45	2.25	0.6	0.81	341.872	1038.277	32.79	112	0	1557.000	12767
2B2C5h1e	CB	CB11	165			0.45	2.25	0.6	0.81	133.634	405.851	32.79	44	0	609.000	4991
2B2C5h1e	CB	CB12	369			0.45	2.25	0.6	0.81	298.509	906.583	32.79	98	0	1360.000	11148
2B2C5h1e	CB	CB13	367			0.45	2.25	0.6	0.81	297.335	903.018	32.79	97	0	1355.000	11104
2B2C5h1e	CB	CB14	194			0.45	2.25	0.6	0.81	157.460	478.212	32.79	52	0	717.000	5880
2B2C5h1e	CB	CB15	132			0.45	2.25	0.6	0.81	106.943	324.790	32.79	35	0	487.000	3994
2B2C5h1e	CB	CB16	129			0.45	2.25	0.6	0.81	104.559	317.550	32.79	34	0	476.000	3905
2B2C5h1e	CB	CB17	220			0.45	2.25	0.6	0.81	177.899	540.285	32.79	58	0	810.000	6644

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1e	CB	CB18	154			0.45	2.25	0.6	0.81	124.867	379.225	32.79	41	0	569.000	4663
2B2C5h1e	CB	CB19	144			0.45	2.25	0.6	0.81	116.328	353.291	32.79	38	0	530.000	4344
2B2C5h1e	CB	CB20	411			0.45	2.25	0.6	0.81	333.003	1011.341	32.79	109	0	1517.000	12436
2B2C5h1e	CB	CB21	373			0.45	2.25	0.6	0.81	301.734	916.378	32.79	99	0	1375.000	11268
2B2C5h1e	CB	CB22	187			0.45	2.25	0.6	0.81	151.771	460.934	32.79	50	0	691.000	5668
2B2C5h1e	CB	CB23	210			0.45	2.25	0.6	0.81	170.248	517.049	32.79	56	0	776.000	6358
2B2C5h1e	CB	CB24	194			0.45	2.25	0.6	0.81	157.328	477.810	32.79	52	0	717.000	5875
2B2C5h1e	CB	CB25	192			0.45	2.25	0.6	0.81	155.900	473.474	32.79	51	0	710.000	5822
2B2C5h1e	CB	CB26	116			0.45	2.25	0.6	0.81	93.597	284.259	32.79	31	0	426.000	3495
2B2C5h1e	CB	CB27	79			0.45	2.25	0.6	0.81	63.652	193.312	32.79	21	0	290.000	2377
2B2C5h1e	CB	CB28	84			0.45	2.25	0.6	0.81	68.325	207.507	32.79	22	0	311.000	2552
2B2C5h1e	CB	CB29	101			0.45	2.25	0.6	0.81	81.875	248.658	32.79	27	0	373.000	3058
2B2C5h1e	CB	CB30	364			0.45	2.25	0.6	0.81	294.505	894.421	32.79	97	0	1342.000	10998
2B2C5h1e	CB	CB31	168			0.45	2.25	0.6	0.81	136.115	413.387	32.79	45	0	620.000	5083
2B2C5h1e	CB	CB32	96			0.45	2.25	0.6	0.81	77.498	235.365	32.79	25	0	353.000	2894
2B2C5h1e	CB	CB33	263			0.45	2.25	0.6	0.81	212.863	646.472	32.79	70	0	970.000	7949
2B2C5h1e	CB	CB34	196			0.45	2.25	0.6	0.81	158.581	481.617	32.79	52	0	722.000	5922
2B2C5h1e	CB	CB35	248			0.45	2.25	0.6	0.81	200.853	609.998	32.79	66	0	915.000	7501
2B2C5h1e	CB	CB36	222			0.45	2.25	0.6	0.81	179.891	546.334	32.79	59	0	820.000	6718
2B2C5h1e	CB	CB37	142			0.45	2.25	0.6	0.81	114.919	349.013	32.79	38	0	524.000	4292
2B2C5h1e	CB	CB38	347			0.45	2.25	0.6	0.81	281.362	854.508	32.79	92	0	1282.000	10508
2B2C5h1e	CB	CB39	198			0.45	2.25	0.6	0.81	160.420	487.201	32.79	53	0	731.000	5991
2B2C5h1e	CB	CB40	184			0.45	2.25	0.6	0.81	149.257	453.298	32.79	49	0	680.000	5574
2B2C5h1e	CB	CB41	295			0.45	2.25	0.6	0.81	239.309	726.789	32.79	78	0	1090.000	8937
2B2C5h1e	CB	CB42	199			0.45	2.25	0.6	0.81	161.289	489.841	32.79	53	0	735.000	6023

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1e	CB	CB43	154			0.45	2.25	0.6	0.81	124.854	379.187	32.79	41	0	569.000	4663
2B2C5h1e	CB	CB44	231			0.45	2.25	0.6	0.81	187.464	569.336	32.79	61	0	854.000	7001
2B2C5h1e	CB	CB45	496			0.45	2.25	0.6	0.81	401.573	1219.593	32.79	132	0	1829.000	14997
2B2C5h1e	CB	CB46	216			0.45	2.25	0.6	0.81	175.198	532.083	32.79	57	0	798.000	6543
2B2C5h1e	CB	CB47	189			0.45	2.25	0.6	0.81	153.165	465.169	32.79	50	0	698.000	5720
2B2C5h1e	CB	CB48	206			0.45	2.25	0.6	0.81	166.473	505.585	32.79	55	0	758.000	6217
2B2C5h1e	CB	CB49	324			0.45	2.25	0.6	0.81	262.221	796.374	32.79	86	0	1195.000	9793
2B2C5h1e	CB	CB50	198			0.45	2.25	0.6	0.81	160.163	486.419	32.79	53	0	730.000	5981
2B2C5h1e	CB	CB51	218			0.45	2.25	0.6	0.81	176.360	535.613	32.79	58	0	803.000	6586
2B2C5h1e	CB	CB52	174			0.45	2.25	0.6	0.81	141.146	428.665	32.79	46	0	643.000	5271
2B2C5h1e	CB	CB53	198			0.45	2.25	0.6	0.81	160.179	486.469	32.79	53	0	730.000	5982
2B2C5h1e	CB	CB54	358			0.45	2.25	0.6	0.81	290.031	880.835	32.79	95	0	1321.000	10831
2B2C5h1e	CB	CB55	353			0.45	2.25	0.6	0.81	285.995	868.577	32.79	94	0	1303.000	10681
2B2C5h1e	CB	CB56	92			0.45	2.25	0.6	0.81	74.900	227.474	32.79	25	0	341.000	2797
2B2C5h1e	CRB	CRB01	147	1	HMP	2	3.5	0.6	1.65	241.935	919.352	32.79	79	30000	1379.000	39312
2B2C5h1e	CRB	CRB02	291	3	HMP	2	3.5	0.6	1.65	479.485	1822.044	32.79	157	90000	2733.000	108455
2B2C5h1e	CRB	CRB03	308	3	HMP	2	3.5	0.6	1.65	507.949	1930.207	32.79	167	90000	2895.000	109551
2B2C5h1e	CRB	CRB04	304	3	HMP	2	3.5	0.6	1.65	501.222	1904.644	32.79	164	90000	2857.000	109292
2B2C5h1e	CRB	CRB05	291	3	HMP	2	3.5	0.6	1.65	480.399	1825.517	32.79	158	90000	2738.000	108491
2B2C5h1e	CRB	CRB06	805	8	HMP	2	3.5	0.6	1.65	1328.931	5049.939	32.79	436	240000	7575.000	291151
2B2C5h1e	MB	MB01	272	1	CHT	0.6	3.6	1	2.1	570.516	1040.512	32.79	187	10000	1561.000	30268
2B2C5h1e	MB	MB02	255	2	CHT	0.6	3.6	1	2.1	536.097	977.738	32.79	176	20000	1467.000	39045
2B2C5h1e	MB	MB03	552	3	CHT	0.6	3.6	1	2.1	1159.372	2114.474	32.79	380	30000	3172.000	71188
2B2C5h1e	MB	MB04	281	2	CHT	0.6	3.6	1	2.1	589.779	1075.644	32.79	193	20000	1613.000	40952
2B2C5h1e	MB	MB05	379	2	CHT	0.6	3.6	1	2.1	795.991	1451.737	32.79	261	20000	2178.000	48278

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h1e	MB	MB06	329	2	CHT	0.6	3.6	1	2.1	691.376	1260.937	32.79	227	20000	1891.000	44562	
2B2C5h1e	MB	MB07	730	4	CHT	0.6	3.6	1	2.1	1533.614	2797.019	32.79	503	40000	4196.000	94483	
2B2C5h1e	MB	MB08	501	2	CHT	0.6	3.6	1	2.1	1051.836	1918.349	32.79	345	20000	2878.000	57367	
2B2C5h1e	MB	MB09	352	2	CHT	0.6	3.6	1	2.1	740.041	1349.693	32.79	243	20000	2025.000	46290	
2B2C5h1e	MB	MB10	507	2	CHT	0.6	3.6	1	2.1	1065.094	1942.528	32.79	349	20000	2914.000	57838	
2B2C5h1e	MB	MB11	293	1	CHT	0.6	3.6	1	2.1	614.833	1121.338	32.79	202	10000	1682.000	31842	
2B2C5h1e	MB	MB12	142	1	CHT	0.6	3.6	1	2.1	298.369	544.168	32.79	98	10000	816.000	20600	
2B2C5h1e	MB	MB13	469	2	CHT	0.6	3.6	1	2.1	984.743	1795.983	32.79	323	20000	2694.000	54984	
2B2C5h1e	MB	MB14	329	2	CHT	0.6	3.6	1	2.1	690.476	1259.298	32.79	226	20000	1889.000	44530	
2B2C5h1e	MB	MB15	315	2	CHT	0.6	3.6	1	2.1	661.529	1206.502	32.79	217	20000	1810.000	43501	
2B2C5h1e	MB	MB16	202	1	CHT	0.6	3.6	1	2.1	424.792	774.739	32.79	139	10000	1162.000	25091	
2B2C5h1e	MB	MB17	713	4	CHT	0.6	3.6	1	2.1	1497.663	2731.453	32.79	491	40000	4097.000	93206	
2B2C5h1e	MB	MB18	137	1	CHT	0.6	3.6	1	2.1	286.869	523.194	32.79	94	10000	785.000	20191	
<b>Total</b>																<b>2043725</b>	
2B2C5h1e	PND	PND01		1	HMP							0					95567
2B2C5h1e	PND	PND02		1	HMP							0					106968
2B2C5h1e	PND	PND04		1	HMP							0					104696
2B2C5h1e	PND	PND05		1	HMP							0					100070
2B2C5h1e	PND	PND06		1	HMP							0					89508
2B2C5h1e	PND	PND07		1	HMP							0					115334
2B2C5h1e	PND	PND09		1	HMP							0					103810
<b>Total</b>																	<b>715953</b>
2B2C5h1e	AFF	AFF01	5348									0					16043
2B2C5h1e	AFF	AFF01	1995									0					23940
2B2C5h1e	AFF	AFF02	2033									0					6098

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1e	AFF	AFF02	2191								0					26280
2B2C5h1e	AFF	AFF03	1499								0					4497
2B2C5h1e	AFF	AFF03	605								0					7260
2B2C5h1e	AFF	AFF04	2611								0					7832
2B2C5h1e	AFF	AFF04	643								0					7710
2B2C5h1e	AFF	AFF05	1886								0					5659
2B2C5h1e	AFF	AFF05	709								0					8520
2B2C5h1e	AFF	AFF06	3033								0					9098
2B2C5h1e	AFF	AFF06	599								0					7200
2B2C5h1e	AFF	AFF07	5061								0					15184
<b>Total</b>																<b>145321</b>
<b>Grand Total</b>																<b>2904999</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm.	Earth Work Cum	Sodding area sqm	Rate	EW Cost	Outlet Cost	Sodding Area	Sodding Cost
						Top	Base	Height								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1g	CB	CB01	117			0.45	2.25	0.6	0.81	94.567	287.205	32.79	31	0	431.000	3532
2B2C5h1g	CB	CB02	190			0.45	2.25	0.6	0.81	153.746	466.932	32.79	50	0	700.000	5742
2B2C5h1g	CB	CB03	197			0.45	2.25	0.6	0.81	159.306	483.819	32.79	52	0	726.000	5949
2B2C5h1g	CB	CB04	201			0.45	2.25	0.6	0.81	163.047	495.179	32.79	53	0	743.000	6089
2B2C5h1g	CB	CB05	344			0.45	2.25	0.6	0.81	278.462	845.701	32.79	91	0	1269.000	10399
2B2C5h1g	CB	CB06	200			0.45	2.25	0.6	0.81	162.347	493.055	32.79	53	0	740.000	6063

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1g	CB	CB07	455			0.45	2.25	0.6	0.81	368.881	1120.304	32.79	121	0	1680.000	13776
2B2C5h1g	CB	CB08	364			0.45	2.25	0.6	0.81	295.003	895.934	32.79	97	0	1344.000	11017
2B2C5h1g	CB	CB09	265			0.45	2.25	0.6	0.81	214.541	651.569	32.79	70	0	977.000	8012
2B2C5h1g	CB	CB10	144			0.45	2.25	0.6	0.81	116.711	354.456	32.79	38	0	532.000	4359
2B2C5h1g	CB	CB11	313			0.45	2.25	0.6	0.81	253.223	769.048	32.79	83	0	1154.000	9457
2B2C5h1g	CB	CB12	308			0.45	2.25	0.6	0.81	249.529	757.829	32.79	82	0	1137.000	9319
2B2C5h1g	CB	CB13	206			0.45	2.25	0.6	0.81	167.166	507.689	32.79	55	0	762.000	6243
2B2C5h1g	CB	CB14	407			0.45	2.25	0.6	0.81	329.607	1001.028	32.79	108	0	1502.000	12309
2B2C5h1g	CB	CB15	321			0.45	2.25	0.6	0.81	260.078	789.867	32.79	85	0	1185.000	9713
2B2C5h1g	CB	CB16	390			0.45	2.25	0.6	0.81	316.212	960.348	32.79	104	0	1441.000	11809
2B2C5h1g	CB	CB17	123			0.45	2.25	0.6	0.81	99.542	302.312	32.79	33	0	453.000	3717
2B2C5h1g	CB	CB18	143			0.45	2.25	0.6	0.81	115.935	352.100	32.79	38	0	528.000	4330
2B2C5h1g	CB	CB19	289			0.45	2.25	0.6	0.81	234.082	710.917	32.79	77	0	1066.000	8742
2B2C5h1g	CB	CB20	277			0.45	2.25	0.6	0.81	224.335	681.313	32.79	74	0	1022.000	8378
2B2C5h1g	CB	CB21	129			0.45	2.25	0.6	0.81	104.826	318.360	32.79	34	0	478.000	3915
2B2C5h1g	CB	CB22	161			0.45	2.25	0.6	0.81	130.655	396.804	32.79	43	0	595.000	4879
2B2C5h1g	CB	CB23	312			0.45	2.25	0.6	0.81	252.913	768.108	32.79	83	0	1152.000	9445
2B2C5h1g	CB	CB24	300			0.45	2.25	0.6	0.81	242.852	737.551	32.79	80	0	1106.000	9069
2B2C5h1g	CB	CB25	278			0.45	2.25	0.6	0.81	225.038	683.450	32.79	74	0	1025.000	8404
2B2C5h1g	CB	CB26	310			0.45	2.25	0.6	0.81	250.717	761.436	32.79	82	0	1142.000	9363
2B2C5h1g	CB	CB27	508			0.45	2.25	0.6	0.81	411.124	1248.600	32.79	135	0	1873.000	15354
2B2C5h1g	CB	CB28	222			0.45	2.25	0.6	0.81	179.617	545.503	32.79	59	0	818.000	6708
2B2C5h1g	CB	CB29	502			0.45	2.25	0.6	0.81	406.912	1235.808	32.79	133	0	1854.000	15196
2B2C5h1g	CB	CB30	157			0.45	2.25	0.6	0.81	127.057	385.877	32.79	42	0	579.000	4745
2B2C5h1g	CB	CB31	538			0.45	2.25	0.6	0.81	435.690	1323.206	32.79	143	0	1985.000	16271

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1g	CB	CB32	447			0.45	2.25	0.6	0.81	362.268	1100.222	32.79	119	0	1650.000	13529
2B2C5h1g	CB	CB33	245			0.45	2.25	0.6	0.81	198.069	601.542	32.79	65	0	902.000	7397
2B2C5h1g	CB	CB34	139			0.45	2.25	0.6	0.81	112.991	343.159	32.79	37	0	515.000	4220
2B2C5h1g	CB	CB35	327			0.45	2.25	0.6	0.81	264.702	803.911	32.79	87	0	1206.000	9885
2B2C5h1g	CB	CB36	62			0.45	2.25	0.6	0.81	49.845	151.381	32.79	16	0	227.000	1861
2B2C5h1g	CB	CB37	199			0.45	2.25	0.6	0.81	160.888	488.623	32.79	53	0	733.000	6008
2B2C5h1g	CB	CB38	198			0.45	2.25	0.6	0.81	160.265	486.732	32.79	53	0	730.000	5985
2B2C5h1g	CB	CB39	979			0.45	2.25	0.6	0.81	793.202	2408.984	32.79	260	0	3613.000	29623
2B2C5h1g	CB	CB40	294			0.45	2.25	0.6	0.81	237.956	722.682	32.79	78	0	1084.000	8887
2B2C5h1g	CB	CB41	244			0.45	2.25	0.6	0.81	197.267	599.108	32.79	65	0	899.000	7367
2B2C5h1g	CB	CB42	423			0.45	2.25	0.6	0.81	342.963	1041.593	32.79	112	0	1562.000	12808
2B2C5h1g	CB	CB43	297			0.45	2.25	0.6	0.81	240.971	731.837	32.79	79	0	1098.000	8999
2B2C5h1g	CB	CB44	305			0.45	2.25	0.6	0.81	246.804	749.553	32.79	81	0	1124.000	9217
2B2C5h1g	CB	CB45	349			0.45	2.25	0.6	0.81	282.856	859.044	32.79	93	0	1289.000	10563
2B2C5h1g	CB	CB46	236			0.45	2.25	0.6	0.81	191.121	580.441	32.79	63	0	871.000	7138
2B2C5h1g	CB	CB47	166			0.45	2.25	0.6	0.81	134.767	409.291	32.79	44	0	614.000	5033
2B2C5h1g	CB	CB48	159			0.45	2.25	0.6	0.81	128.519	390.316	32.79	42	0	585.000	4800
2B2C5h1g	CB	CB49	165			0.45	2.25	0.6	0.81	133.852	406.515	32.79	44	0	610.000	4999
2B2C5h1g	CB	CB50	157			0.45	2.25	0.6	0.81	127.184	386.262	32.79	42	0	579.000	4750
2B2C5h1g	CB	CB51	275			0.45	2.25	0.6	0.81	222.708	676.372	32.79	73	0	1015.000	8317
2B2C5h1g	CB	CB52	299			0.45	2.25	0.6	0.81	242.204	735.583	32.79	79	0	1103.000	9045
2B2C5h1g	CB	CB53	202			0.45	2.25	0.6	0.81	163.907	497.792	32.79	54	0	747.000	6121
2B2C5h1g	CB	CB54	100			0.45	2.25	0.6	0.81	80.944	245.830	32.79	27	0	369.000	3023
2B2C5h1g	CB	CB55	519			0.45	2.25	0.6	0.81	420.753	1277.842	32.79	138	0	1917.000	15713
2B2C5h1g	CB	CB56	332			0.45	2.25	0.6	0.81	269.122	817.334	32.79	88	0	1226.000	10051

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h1g	CB	CB57	288			0.45	2.25	0.6	0.81	233.069	707.838	32.79	76	0	1062.000	8704
2B2C5h1g	CB	CB58	157			0.45	2.25	0.6	0.81	126.947	385.544	32.79	42	0	578.000	4741
2B2C5h1g	CB	CB59	180			0.45	2.25	0.6	0.81	145.817	442.852	32.79	48	0	664.000	5446
2B2C5h1g	CB	CB60	241			0.45	2.25	0.6	0.81	195.159	592.706	32.79	64	0	889.000	7288
2B2C5h1g	CB	CB61	150			0.45	2.25	0.6	0.81	121.189	368.054	32.79	40	0	552.000	4526
2B2C5h1g	CB	CB62	140			0.45	2.25	0.6	0.81	113.084	343.441	32.79	37	0	515.000	4223
2B2C5h1g	CB	CB63	150			0.45	2.25	0.6	0.81	121.284	368.345	32.79	40	0	553.000	4529
2B2C5h1g	CB	CB64	159			0.45	2.25	0.6	0.81	128.453	390.117	32.79	42	0	585.000	4797
2B2C5h1g	CB	CB65	247			0.45	2.25	0.6	0.81	199.934	607.207	32.79	66	0	911.000	7467
2B2C5h1g	CB	CB66	305			0.45	2.25	0.6	0.81	246.690	749.208	32.79	81	0	1124.000	9213
2B2C5h1g	CB	CB67	267			0.45	2.25	0.6	0.81	216.296	656.898	32.79	71	0	985.000	8078
2B2C5h1g	CB	CB68	499			0.45	2.25	0.6	0.81	404.153	1227.428	32.79	133	0	1841.000	15093
2B2C5h1g	CB	CB69	210			0.45	2.25	0.6	0.81	169.743	515.517	32.79	56	0	773.000	6339
2B2C5h1g	CB	CB70	199			0.45	2.25	0.6	0.81	161.304	489.887	32.79	53	0	735.000	6024
2B2C5h1g	CB	CB71	171			0.45	2.25	0.6	0.81	138.755	421.404	32.79	45	0	632.000	5182
2B2C5h1g	CB	CB72	246			0.45	2.25	0.6	0.81	199.157	604.848	32.79	65	0	907.000	7438
2B2C5h1g	CB	CB73	148			0.45	2.25	0.6	0.81	120.206	365.070	32.79	39	0	548.000	4489
2B2C5h1g	CB	CB74	82			0.45	2.25	0.6	0.81	66.215	201.099	32.79	22	0	302.000	2473
2B2C5h1g	CRB	CRB01	802	8	HMP	2	3.5	0.6	1.65	1323.484	5029.238	32.79	434	240000	7544.000	290941
2B2C5h1g	CRB	CRB02	372	4	HMP	2	3.5	0.6	1.65	614.262	2334.196	32.79	201	120000	3501.000	143643
2B2C5h1g	CRB	CRB03	311	3	HMP	2	3.5	0.6	1.65	513.292	1950.509	32.79	168	90000	2926.000	109757
2B2C5h1g	MB	MB01	752	2	CHT	0.6	3.6	1	2.1	1579.318	2880.375	32.79	518	20000	4321.000	76106
2B2C5h1g	MB	MB02	267	2	CHT	0.6	3.6	1	2.1	561.540	1024.143	32.79	184	20000	1536.000	39949
2B2C5h1g	MB	MB03	577	3	CHT	0.6	3.6	1	2.1	1212.481	2211.334	32.79	398	30000	3317.000	73074
2B2C5h1g	MB	MB04	670	4	CHT	0.6	3.6	1	2.1	1407.184	2566.436	32.79	461	40000	3850.000	89991

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h1g	MB	MB05	714	4	CHT	0.6	3.6	1	2.1	1499.562	2734.916	32.79	492	40000	4102.000	93273	
2B2C5h1g	MB	MB06	517	2	CHT	0.6	3.6	1	2.1	1086.313	1981.228	32.79	356	20000	2972.000	58592	
2B2C5h1g	MB	MB07	197	1	CHT	0.6	3.6	1	2.1	413.358	753.886	32.79	136	10000	1131.000	24685	
2B2C5h1g	MB	MB08	670	4	CHT	0.6	3.6	1	2.1	1406.292	2564.809	32.79	461	40000	3847.000	89960	
2B2C5h1g	MB	MB09	468	2	CHT	0.6	3.6	1	2.1	981.969	1790.925	32.79	322	20000	2686.000	54885	
2B2C5h1g	MB	MB10	262	2	CHT	0.6	3.6	1	2.1	550.120	1003.313	32.79	180	20000	1505.000	39543	
		Total		26211						29057.483			9540			1778109	
2B2C5h1g	PND	PND01			1	HMP						0					111280
2B2C5h1g	PND	PND02			1	HMP						0					112365
2B2C5h1g	PND	PND03			1	HMP						0					100988
2B2C5h1g	PND	PND04			1	HMP						0					105062
2B2C5h1g	PND	PND05			1	HMP						0					108713
2B2C5h1g	PND	PND06			1	HMP						0					95762
2B2C5h1g	PND	PND07			1	HMP						0					224792
2B2C5h1g	PND	PND08			1	HMP						0					91751
2B2C5h1g	PND	PND09			1	HMP						0					98458
2B2C5h1g	PND	PND10			1	HMP						0					92709
2B2C5h1g	PND	PND11			1	HMP						0					88668
2B2C5h1g	PND	PND12			1	HMP						0					122362
		Total															1352910
2B2C5h1g	AFF	AFF01	14472									0					43416
2B2C5h1g	AFF	AFF02	3354									0					10061
2B2C5h1g	AFF	AFF03	1220									0					3659
2B2C5h1g	AFF	AFF04	1298									0					3893
2B2C5h1g	AFF	AFF05	1811									0					5434

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h1g	AFF	AFF06	2817								0						8451
2B2C5h1g	AFF	AFF07	2241								0						6724
2B2C5h1g	AFF	AFF08	1622								0						4867
2B2C5h1g	AFF	AFF09	3607								0						10822
2B2C5h1g	AFF	AFF10	3724								0						11173
2B2C5h1g	AFF	AFF11	4841								0						14524
<b>Total</b>																	<b>123024</b>
<b>GrandTotal</b>																	<b>3254043</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2a	CB	CB01	207			0.45	2.25	0.6	0.81	167.298	508.089	32.79	55	0	762.000	6248
2B2C5h2a	CB	CB02	276			0.45	2.25	0.6	0.81	223.674	679.307	32.79	73	0	1019.000	8353
2B2C5h2a	CB	CB03	418			0.45	2.25	0.6	0.81	338.515	1028.081	32.79	111	0	1542.000	12642
2B2C5h2a	CB	CB04	292			0.45	2.25	0.6	0.81	236.237	717.461	32.79	77	0	1076.000	8822
2B2C5h2a	CB	CB05	276			0.45	2.25	0.6	0.81	223.618	679.135	32.79	73	0	1019.000	8351
2B2C5h2a	CB	CB06	287			0.45	2.25	0.6	0.81	232.295	705.488	32.79	76	0	1058.000	8675
2B2C5h2a	CB	CB07	345			0.45	2.25	0.6	0.81	279.142	847.766	32.79	92	0	1272.000	10425
2B2C5h2a	CB	CB08	318			0.45	2.25	0.6	0.81	257.855	783.114	32.79	85	0	1175.000	9630
2B2C5h2a	CB	CB09	266			0.45	2.25	0.6	0.81	215.228	653.656	32.79	71	0	980.000	8038
2B2C5h2a	CB	CB10	228			0.45	2.25	0.6	0.81	185.023	561.922	32.79	61	0	843.000	6910

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2a	CB	CB11	643			0.45	2.25	0.6	0.81	520.994	1582.277	32.79	171	0	2373.000	19457
2B2C5h2a	CB	CB12	271			0.45	2.25	0.6	0.81	219.388	666.290	32.79	72	0	999.000	8193
2B2C5h2a	CB	CB13	329			0.45	2.25	0.6	0.81	266.198	808.454	32.79	87	0	1213.000	9941
2B2C5h2a	CB	CB14	355			0.45	2.25	0.6	0.81	287.370	872.755	32.79	94	0	1309.000	10732
2B2C5h2a	CB	CB15	246			0.45	2.25	0.6	0.81	199.256	605.149	32.79	65	0	908.000	7441
2B2C5h2a	CB	CB16	561			0.45	2.25	0.6	0.81	454.432	1380.126	32.79	149	0	2070.000	16971
2B2C5h2a	CB	CB17	636			0.45	2.25	0.6	0.81	515.529	1565.682	32.79	169	0	2349.000	19253
2B2C5h2a	CB	CB18	242			0.45	2.25	0.6	0.81	196.361	596.355	32.79	64	0	895.000	7333
2B2C5h2a	CB	CB19	167			0.45	2.25	0.6	0.81	135.028	410.084	32.79	44	0	615.000	5043
2B2C5h2a	CB	CB20	787			0.45	2.25	0.6	0.81	637.658	1936.590	32.79	209	0	2905.000	23814
2B2C5h2a	CB	CB21	429			0.45	2.25	0.6	0.81	347.737	1056.091	32.79	114	0	1584.000	12986
2B2C5h2a	CB	CB22	504			0.45	2.25	0.6	0.81	408.459	1240.506	32.79	134	0	1861.000	15254
2B2C5h2a	CB	CB23	124			0.45	2.25	0.6	0.81	100.764	306.025	32.79	33	0	459.000	3763
2B2C5h2a	CB	CB24	237			0.45	2.25	0.6	0.81	192.288	583.985	32.79	63	0	876.000	7181
2B2C5h2a	CB	CB25	401			0.45	2.25	0.6	0.81	324.938	986.850	32.79	107	0	1480.000	12135
2B2C5h2a	CB	CB26	184			0.45	2.25	0.6	0.81	148.960	452.397	32.79	49	0	679.000	5563
2B2C5h2a	CB	CB27	134			0.45	2.25	0.6	0.81	108.887	330.694	32.79	36	0	496.000	4066
2B2C5h2a	CB	CB28	201			0.45	2.25	0.6	0.81	163.028	495.121	32.79	53	0	743.000	6088
2B2C5h2a	CB	CB29	210			0.45	2.25	0.6	0.81	170.473	517.734	32.79	56	0	777.000	6366
2B2C5h2a	CB	CB30	587			0.45	2.25	0.6	0.81	475.165	1443.094	32.79	156	0	2165.000	17745
2B2C5h2a	CB	CB31	304			0.45	2.25	0.6	0.81	246.224	747.792	32.79	81	0	1122.000	9195
2B2C5h2a	CB	CB32	361			0.45	2.25	0.6	0.81	292.060	886.996	32.79	96	0	1330.000	10907
2B2C5h2a	CB	CB33	270			0.45	2.25	0.6	0.81	218.916	664.857	32.79	72	0	997.000	8176
2B2C5h2a	CB	CB34	508			0.45	2.25	0.6	0.81	411.640	1250.165	32.79	135	0	1875.000	15373
2B2C5h2a	CB	CB35	459			0.45	2.25	0.6	0.81	371.782	1129.117	32.79	122	0	1694.000	13884

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2a	CB	CB36	247			0.45	2.25	0.6	0.81	200.005	607.422	32.79	66	0	911.000	7469
2B2C5h2a	CB	CB37	241			0.45	2.25	0.6	0.81	195.242	592.958	32.79	64	0	889.000	7291
2B2C5h2a	CB	CB38	111			0.45	2.25	0.6	0.81	89.911	273.064	32.79	29	0	410.000	3358
2B2C5h2a	CB	CB39	178			0.45	2.25	0.6	0.81	144.392	438.525	32.79	47	0	658.000	5392
2B2C5h2a	CB	CB40	164			0.45	2.25	0.6	0.81	133.009	403.954	32.79	44	0	606.000	4967
2B2C5h2a	CB	CB41	168			0.45	2.25	0.6	0.81	136.214	413.688	32.79	45	0	621.000	5087
2B2C5h2a	CB	CB42	213			0.45	2.25	0.6	0.81	172.758	524.671	32.79	57	0	787.000	6452
2B2C5h2a	CB	CB43	230			0.45	2.25	0.6	0.81	186.242	565.625	32.79	61	0	848.000	6955
2B2C5h2a	CB	CB44	239			0.45	2.25	0.6	0.81	193.259	586.935	32.79	63	0	880.000	7217
2B2C5h2a	CB	CB45	214			0.45	2.25	0.6	0.81	173.343	526.448	32.79	57	0	790.000	6474
2B2C5h2a	ECD	ECD01	72	1	MSN	3	15	3	27	1946.776	1183.928	52.29	1018	15000	1776.000	118573
2B2C5h2a	ECD	ECD02	98	1	MSN	3	15	3	27	2639.882	1605.439	52.29	1380	15000	2408.000	155448
2B2C5h2a	MB	MB01	530	2	CHT	0.6	3.6	1	2.1	1112.044	2028.156	32.79	365	20000	3042.000	59506
2B2C5h2a	MB	MB02	220	1	CHT	0.6	3.6	1	2.1	461.509	841.704	32.79	151	10000	1263.000	26395
2B2C5h2a	MB	MB03	545	2	CHT	0.6	3.6	1	2.1	1144.682	2087.682	32.79	375	20000	3132.000	60666
2B2C5h2a	MB	MB04	544	2	CHT	0.6	3.6	1	2.1	1141.482	2081.846	32.79	374	20000	3123.000	60552
2B2C5h2a	MB	MB05	662	4	CHT	0.6	3.6	1	2.1	1389.252	2533.732	32.79	456	40000	3801.000	89354
2B2C5h2a	MB	MB06	304	2	CHT	0.6	3.6	1	2.1	638.931	1165.289	32.79	210	20000	1748.000	42698
2B2C5h2a	MB	MB07	643	4	CHT	0.6	3.6	1	2.1	1349.845	2461.860	32.79	443	40000	3693.000	87954
2B2C5h2a	MB	MB08	307	2	CHT	0.6	3.6	1	2.1	644.447	1175.349	32.79	211	20000	1763.000	42894
2B2C5h2a	MB	MB09	513	2	CHT	0.6	3.6	1	2.1	1077.431	1965.028	32.79	353	20000	2948.000	58276
2B2C5h2a	MB	MB10	137	1	CHT	0.6	3.6	1	2.1	287.399	524.162	32.79	94	10000	786.000	20210
2B2C5h2a	MB	MB11	280	2	CHT	0.6	3.6	1	2.1	588.887	1074.019	32.79	193	20000	1611.000	40921
2B2C5h2a	MB	MB12	649	6	CHT	0.6	3.6	1	2.1	1362.697	2485.299	32.79	447	60000	3728.000	108411
2B2C5h2a	MB	MB13	211	1	CHT	0.6	3.6	1	2.1	442.333	806.731	32.79	145	10000	1210.000	25714

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h2a	MB	MB14	211	1	CHT	0.6	3.6	1	2.1	443.479	808.821	32.79	145	10000	1213.000	25755	
2B2C5h2a	MB	MB15	240	1	CHT	0.6	3.6	1	2.1	504.180	919.528	32.79	165	10000	1379.000	27911	
2B2C5h2a	MB	MB16	246	1	CHT	0.6	3.6	1	2.1	515.974	941.039	32.79	169	10000	1412.000	28330	
2B2C5h2a	MB	MB17	176	1	CHT	0.6	3.6	1	2.1	370.602	675.907	32.79	122	10000	1014.000	23166	
2B2C5h2a	MB	MB18	74	1	CHT	0.6	3.6	1	2.1	155.390	283.401	32.79	51	10000	425.000	15520	
2B2C5h2a	MB	MB19	435	2	CHT	0.6	3.6	1	2.1	912.717	1664.622	32.79	299	20000	2497.000	52425	
2B2C5h2a	MB	MB20	237	1	CHT	0.6	3.6	1	2.1	497.011	906.454	32.79	163	10000	1360.000	27657	
2B2C5h2a	MB	MB21	318	2	CHT	0.6	3.6	1	2.1	667.356	1217.131	32.79	219	20000	1826.000	43708	
2B2C5h2a	MB	MB22	287	2	CHT	0.6	3.6	1	2.1	602.383	1098.631	32.79	198	20000	1648.000	41400	
2B2C5h2a	MB	MB23	103	1	CHT	0.6	3.6	1	2.1	215.420	392.886	32.79	71	10000	589.000	17653	
2B2C5h2a	MB	MB24	280	2	CHT	0.6	3.6	1	2.1	587.685	1071.825	32.79	193	20000	1608.000	40878	
2B2C5h2a	MB	MB25	167	1	CHT	0.6	3.6	1	2.1	349.942	638.228	32.79	115	10000	957.000	22432	
2B2C5h2a	MB	MB26	119	1	CHT	0.6	3.6	1	2.1	250.196	456.310	32.79	82	10000	684.000	18888	
2B2C5h2a	MB	MB27	220	1	CHT	0.6	3.6	1	2.1	460.961	840.705	32.79	151	10000	1261.000	26376	
2B2C5h2a	MB	MB28	184	1	CHT	0.6	3.6	1	2.1	385.909	703.825	32.79	127	10000	1056.000	23710	
2B2C5h2a	WHD	WHD01	405	4	HMP	3	15	3	27	10936.830	6651.213	47.06	5147	160000	9977.000	684664	
<b>Total</b>			<b>23489</b>							<b>45491.429</b>			<b>17384</b>			<b>2543678</b>	
2B2C5h2a	PND	PND01		1	HMP						0						82973
2B2C5h2a	PND	PND02		1	HMP						0						97193
2B2C5h2a	PND	PND03		1	HMP						0						115171
2B2C5h2a	PND	PND04		1	HMP						0						98693
<b>Total</b>																<b>394030</b>	
2B2C5h2a	AFF	AFF01	2073								0						6220
2B2C5h2a	AFF	AFF02	1896								0						5689
2B2C5h2a	AFF	AFF03	1624								0						4872

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h2a	AFF	AFF04	1499								0						4496
2B2C5h2a	AFF	AFF05	2478								0						7434
2B2C5h2a	AFF	AFF06	1056								0						3169
2B2C5h2a	AFF	AFF07	1154								0						3462
2B2C5h2a	AFF	AFF08	3663								0						10988
2B2C5h2a	AFF	AFF09	2990								0						8971
2B2C5h2a	AFF	AFF10	3457								0						10371
<b>Total</b>																	<b>65672</b>
<b>Grand Total</b>																	<b>3003380</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2b	CB	CB01	256			0.45	2.25	0.6	0.81	207.186	629.231	32.79	68	0	944.000	7737
2B2C5h2b	CB	CB02	341			0.45	2.25	0.6	0.81	276.276	839.061	32.79	91	0	1259.000	10318
2B2C5h2b	CB	CB03	277			0.45	2.25	0.6	0.81	224.655	682.286	32.79	74	0	1023.000	8390
2B2C5h2b	CB	CB04	124			0.45	2.25	0.6	0.81	100.437	305.031	32.79	33	0	458.000	3751
2B2C5h2b	CB	CB05	191			0.45	2.25	0.6	0.81	154.426	468.999	32.79	51	0	703.000	5767
2B2C5h2b	CB	CB06	293			0.45	2.25	0.6	0.81	236.986	719.736	32.79	78	0	1080.000	8850
2B2C5h2b	CB	CB07	125			0.45	2.25	0.6	0.81	101.373	307.873	32.79	33	0	462.000	3786
2B2C5h2b	CB	CB08	232			0.45	2.25	0.6	0.81	187.699	570.049	32.79	62	0	855.000	7010

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2b	CB	CB09	178			0.45	2.25	0.6	0.81	144.258	438.117	32.79	47	0	657.000	5387
2B2C5h2b	CB	CB10	227			0.45	2.25	0.6	0.81	183.630	557.690	32.79	60	0	837.000	6858
2B2C5h2b	CB	CB11	138			0.45	2.25	0.6	0.81	111.380	338.265	32.79	37	0	507.000	4160
2B2C5h2b	CB	CB12	221			0.45	2.25	0.6	0.81	178.952	543.485	32.79	59	0	815.000	6683
2B2C5h2b	CB	CB13	128			0.45	2.25	0.6	0.81	103.474	314.256	32.79	34	0	471.000	3864
2B2C5h2b	CB	CB14	226			0.45	2.25	0.6	0.81	182.701	554.869	32.79	60	0	832.000	6823
2B2C5h2b	CB	CB15	159			0.45	2.25	0.6	0.81	128.782	391.115	32.79	42	0	587.000	4809
2B2C5h2b	CB	CB16	290			0.45	2.25	0.6	0.81	235.276	714.541	32.79	77	0	1072.000	8787
2B2C5h2b	CB	CB17	208			0.45	2.25	0.6	0.81	168.483	511.688	32.79	55	0	768.000	6292
2B2C5h2b	CB	CB18	165			0.45	2.25	0.6	0.81	133.506	405.462	32.79	44	0	608.000	4986
2B2C5h2b	CB	CB19	364			0.45	2.25	0.6	0.81	294.731	895.109	32.79	97	0	1343.000	11007
2B2C5h2b	CB	CB20	192			0.45	2.25	0.6	0.81	155.605	472.577	32.79	51	0	709.000	5811
2B2C5h2b	CB	CB21	213			0.45	2.25	0.6	0.81	172.259	523.158	32.79	56	0	785.000	6433
2B2C5h2b	CB	CB22	156			0.45	2.25	0.6	0.81	126.163	383.162	32.79	41	0	575.000	4712
2B2C5h2b	CB	CB23	570			0.45	2.25	0.6	0.81	461.410	1401.320	32.79	151	0	2102.000	17232
2B2C5h2b	CB	CB24	233			0.45	2.25	0.6	0.81	188.838	573.509	32.79	62	0	860.000	7052
2B2C5h2b	CB	CB25	494			0.45	2.25	0.6	0.81	399.761	1214.090	32.79	131	0	1821.000	14929
2B2C5h2b	CB	CB26	368			0.45	2.25	0.6	0.81	297.905	904.748	32.79	98	0	1357.000	11125
2B2C5h2b	CB	CB27	252			0.45	2.25	0.6	0.81	203.757	618.816	32.79	67	0	928.000	7609
2B2C5h2b	CB	CB28	260			0.45	2.25	0.6	0.81	210.809	640.236	32.79	69	0	960.000	7873
2B2C5h2b	CB	CB29	102			0.45	2.25	0.6	0.81	82.913	251.810	32.79	27	0	378.000	3096
2B2C5h2b	CB	CB30	331			0.45	2.25	0.6	0.81	268.289	814.805	32.79	88	0	1222.000	10019
2B2C5h2b	CB	CB31	373			0.45	2.25	0.6	0.81	302.070	917.397	32.79	99	0	1376.000	11281
2B2C5h2b	CB	CB32	430			0.45	2.25	0.6	0.81	348.229	1057.585	32.79	114	0	1586.000	13005
2B2C5h2b	CB	CB33	204			0.45	2.25	0.6	0.81	165.300	502.022	32.79	54	0	753.000	6173

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2b	CB	CB34	562			0.45	2.25	0.6	0.81	455.536	1383.480	32.79	149	0	2075.000	17012
2B2C5h2b	CB	CB35	255			0.45	2.25	0.6	0.81	206.827	628.143	32.79	68	0	942.000	7724
2B2C5h2b	CB	CB36	571			0.45	2.25	0.6	0.81	462.338	1404.138	32.79	152	0	2106.000	17266
2B2C5h2b	CB	CB37	334			0.45	2.25	0.6	0.81	270.373	821.133	32.79	89	0	1232.000	10097
2B2C5h2b	CB	CB38	612			0.45	2.25	0.6	0.81	495.450	1504.701	32.79	162	0	2257.000	18503
2B2C5h2b	CB	CB39	224			0.45	2.25	0.6	0.81	181.424	550.993	32.79	59	0	826.000	6775
2B2C5h2b	CB	CB40	217			0.45	2.25	0.6	0.81	175.390	532.665	32.79	58	0	799.000	6550
2B2C5h2b	CB	CB41	273			0.45	2.25	0.6	0.81	220.769	670.485	32.79	72	0	1006.000	8245
2B2C5h2b	CB	CB42	317			0.45	2.25	0.6	0.81	256.753	779.769	32.79	84	0	1170.000	9589
2B2C5h2b	CB	CB43	223			0.45	2.25	0.6	0.81	180.736	548.900	32.79	59	0	823.000	6750
2B2C5h2b	CB	CB44	228			0.45	2.25	0.6	0.81	184.716	560.990	32.79	61	0	841.000	6898
2B2C5h2b	CB	CB45	680			0.45	2.25	0.6	0.81	550.420	1671.645	32.79	180	0	2507.000	20556
2B2C5h2b	CB	CB46	315			0.45	2.25	0.6	0.81	255.278	775.288	32.79	84	0	1163.000	9533
2B2C5h2b	CB	CB47	860			0.45	2.25	0.6	0.81	696.880	2116.449	32.79	229	0	3175.000	26025
2B2C5h2b	CB	CB48	126			0.45	2.25	0.6	0.81	102.190	310.355	32.79	34	0	466.000	3816
2B2C5h2b	CB	CB49	147			0.45	2.25	0.6	0.81	119.287	362.280	32.79	39	0	543.000	4455
2B2C5h2b	CB	CB50	311			0.45	2.25	0.6	0.81	251.527	763.896	32.79	82	0	1146.000	9393
2B2C5h2b	CB	CB51	180			0.45	2.25	0.6	0.81	145.946	443.245	32.79	48	0	665.000	5450
2B2C5h2b	CRB	CRB01	588	1	HMP	2	3.5	0.6	1.65	970.482	3687.831	32.79	318	30000	5532.000	67354
2B2C5h2b	CRB	CRB02	2	0	HMP	2	3.5	0.6	1.65	3.462	13.154	32.79	1	0	20.000	133
2B2C5h2b	CRB	CRB03	424	1		2	3.5	0.6	1.65	700.113	2660.428	32.79	230	0	3991.000	26947
2B2C5h2b	CRB	CRB04	384	1		2	3.5	0.6	1.65	634.271	2410.230	32.79	208	0	3615.000	24413
2B2C5h2b	MB	MB01	344	2	CHT	0.6	3.6	1	2.1	723.076	1318.753	32.79	237	20000	1978.000	45688
2B2C5h2b	MB	MB02	400	2	CHT	0.6	3.6	1	2.1	839.070	1530.303	32.79	275	20000	2295.000	49809
2B2C5h2b	MB	MB03	569	3	CHT	0.6	3.6	1	2.1	1195.132	2179.692	32.79	392	30000	3270.000	72458

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h2b	PB	PB01	70	1	CHT	0.6	3.6	1	2.1	146.329	266.877	32.79	48	10000	400.000	15198	
2B2C5h2b	PB	PB02	57	1	CHT	0.6	3.6	1	2.1	119.331	217.636	32.79	39	10000	326.000	14239	
2B2C5h2b	PB	PB03	63	1	CHT	0.6	3.6	1	2.1	133.196	242.924	32.79	44	10000	364.000	14732	
2B2C5h2b	PB	PB04	62	1	CHT	0.6	3.6	1	2.1	130.312	237.664	32.79	43	10000	356.000	14629	
2B2C5h2b	PB	PB05	64	1	CHT	0.6	3.6	1	2.1	134.461	245.232	32.79	44	10000	368.000	14777	
2B2C5h2b	PB	PB06	74	1	CHT	0.6	3.6	1	2.1	155.325	283.282	32.79	51	10000	425.000	15518	
2B2C5h2b	PB	PB07	105	1	CHT	0.6	3.6	1	2.1	219.457	400.249	32.79	72	10000	600.000	17796	
2B2C5h2b	PB	PB08	109	1	CHT	0.6	3.6	1	2.1	228.174	416.146	32.79	75	10000	624.000	18106	
2B2C5h2b	PB	PB09	72	1	CHT	0.6	3.6	1	2.1	151.399	276.123	32.79	50	10000	414.000	15379	
2B2C5h2b	PB	PB10	67	1	CHT	0.6	3.6	1	2.1	141.526	258.116	32.79	46	10000	387.000	15028	
2B2C5h2b	PB	PB11	92	1	CHT	0.6	3.6	1	2.1	193.030	352.050	32.79	63	10000	528.000	16858	
2B2C5h2b	PB	PB12	95	1	CHT	0.6	3.6	1	2.1	198.737	362.458	32.79	65	10000	544.000	17060	
2B2C5h2b	PB	PB13	106	1	CHT	0.6	3.6	1	2.1	222.009	404.903	32.79	73	10000	607.000	17887	
2B2C5h2b	PB	PB14	103	1	CHT	0.6	3.6	1	2.1	215.392	392.834	32.79	71	10000	589.000	17652	
2B2C5h2b	PB	PB15	92	1	CHT	0.6	3.6	1	2.1	193.214	352.385	32.79	63	10000	529.000	16864	
2B2C5h2b	PB	PB16	86	1	CHT	0.6	3.6	1	2.1	181.508	331.035	32.79	60	10000	497.000	16448	
2B2C5h2b	PB	PB17	75	1	CHT	0.6	3.6	1	2.1	156.847	286.059	32.79	51	10000	429.000	15572	
2B2C5h2b	PB	PB18	69	1	CHT	0.6	3.6	1	2.1	145.867	266.033	32.79	48	10000	399.000	15182	
2B2C5h2b	WHD	WHD01	123	1	HMP	3	15	3	27	3308.666	2012.159	47.06	1557	40000	3018.000	198724	
<b>Total</b>				<b>19055</b>						<b>23400.745</b>			<b>8157</b>			<b>1220720</b>	
2B2C5h2b	PND	PND01		1	HMP						0						90238
2B2C5h2b	PND	PND02		1	HMP						0						132874
2B2C5h2b	PND	PND03		1	HMP						0						101528
2B2C5h2b	PND	PND04		1	HMP						0						92159
2B2C5h2b	PND	PND05		1	HMP						0						102451

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h2b	PND	PND06		1	HMP						0						90408
		<b>Total</b>															<b>609658</b>
2B2C5h2b	AFF	AFF01	3814								0						11441
2B2C5h2b	AFF	AFF01	262								0						3150
2B2C5h2b	AFF	AFF02	4274								0						12823
2B2C5h2b	AFF	AFF03	4426								0						13277
2B2C5h2b	AFF	AFF04	8541								0						25624
2B2C5h2b	AFF	AFF05	1900								0						5700
2B2C5h2b	AFF	AFF06	3732								0						11195
2B2C5h2b	AFF	AFF07	4172								0						12515
2B2C5h2b	AFF	AFF08	4550								0						13650
		<b>Total</b>															<b>109375</b>
		<b>Grand total</b>															<b>1939753</b>

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2c	CB	CB01	152			0.45	2.25	0.6	0.81	123.359	374.646	32.79	40	0	562.000	4607
2B2C5h2c	CB	CB02	279			0.45	2.25	0.6	0.81	225.664	685.349	32.79	74	0	1028.000	8428
2B2C5h2c	CB	CB03	295			0.45	2.25	0.6	0.81	239.078	726.089	32.79	78	0	1089.000	8929
2B2C5h2c	CB	CB04	99			0.45	2.25	0.6	0.81	80.521	244.546	32.79	26	0	367.000	3007
2B2C5h2c	CB	CB05	154			0.45	2.25	0.6	0.81	124.732	378.816	32.79	41	0	568.000	4658

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2c	CB	CB06	189			0.45	2.25	0.6	0.81	153.318	465.633	32.79	50	0	698.000	5726
2B2C5h2c	CB	CB07	241			0.45	2.25	0.6	0.81	195.199	592.828	32.79	64	0	889.000	7290
2B2C5h2c	CB	CB08	826			0.45	2.25	0.6	0.81	669.164	2032.275	32.79	219	0	3048.000	24990
2B2C5h2c	CB	CB09	125			0.45	2.25	0.6	0.81	101.291	307.625	32.79	33	0	461.000	3783
2B2C5h2c	CB	CB10	201			0.45	2.25	0.6	0.81	162.488	493.482	32.79	53	0	740.000	6068
2B2C5h2c	CB	CB11	296			0.45	2.25	0.6	0.81	239.562	727.558	32.79	79	0	1091.000	8947
2B2C5h2c	CB	CB12	86			0.45	2.25	0.6	0.81	69.973	212.510	32.79	23	0	319.000	2613
2B2C5h2c	CB	CB13	216			0.45	2.25	0.6	0.81	175.305	532.406	32.79	57	0	799.000	6547
2B2C5h2c	CB	CB14	403			0.45	2.25	0.6	0.81	326.396	991.276	32.79	107	0	1487.000	12189
2B2C5h2c	CB	CB15	133			0.45	2.25	0.6	0.81	107.529	326.571	32.79	35	0	490.000	4016
2B2C5h2c	CB	CB16	127			0.45	2.25	0.6	0.81	102.767	312.108	32.79	34	0	468.000	3838
2B2C5h2c	CB	CB17	372			0.45	2.25	0.6	0.81	301.121	914.515	32.79	99	0	1372.000	11246
2B2C5h2c	CB	CB18	190			0.45	2.25	0.6	0.81	154.143	468.138	32.79	51	0	702.000	5757
2B2C5h2c	CB	CB19	127			0.45	2.25	0.6	0.81	103.046	312.954	32.79	34	0	469.000	3848
2B2C5h2c	CB	CB20	115			0.45	2.25	0.6	0.81	93.323	283.425	32.79	31	0	425.000	3485
2B2C5h2c	CB	CB21	177			0.45	2.25	0.6	0.81	143.055	434.464	32.79	47	0	652.000	5342
2B2C5h2c	CB	CB22	231			0.45	2.25	0.6	0.81	187.509	569.471	32.79	61	0	854.000	7003
2B2C5h2c	CB	CB23	124			0.45	2.25	0.6	0.81	100.703	305.838	32.79	33	0	459.000	3761
2B2C5h2c	CB	CB24	138			0.45	2.25	0.6	0.81	111.377	338.256	32.79	37	0	507.000	4159
2B2C5h2c	CB	CB25	262			0.45	2.25	0.6	0.81	212.064	644.047	32.79	70	0	966.000	7920
2B2C5h2c	CB	CB26	197			0.45	2.25	0.6	0.81	159.538	484.523	32.79	52	0	727.000	5958
2B2C5h2c	CB	CB27	80			0.45	2.25	0.6	0.81	64.896	197.091	32.79	21	0	296.000	2424
2B2C5h2c	CB	CB28	208			0.45	2.25	0.6	0.81	168.222	510.896	32.79	55	0	766.000	6282
2B2C5h2c	CB	CB29	95			0.45	2.25	0.6	0.81	76.612	232.673	32.79	25	0	349.000	2861
2B2C5h2c	CB	CB30	151			0.45	2.25	0.6	0.81	122.021	370.582	32.79	40	0	556.000	4557

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2c	CB	CB31	472			0.45	2.25	0.6	0.81	382.044	1160.281	32.79	125	0	1740.000	14268
2B2C5h2c	CB	CB32	427			0.45	2.25	0.6	0.81	345.654	1049.763	32.79	113	0	1575.000	12909
2B2C5h2c	CB	CB33	162			0.45	2.25	0.6	0.81	130.851	397.398	32.79	43	0	596.000	4887
2B2C5h2c	CB	CB34	114			0.45	2.25	0.6	0.81	92.733	281.633	32.79	30	0	422.000	3463
2B2C5h2c	CB	CB35	128			0.45	2.25	0.6	0.81	103.960	315.730	32.79	34	0	474.000	3882
2B2C5h2c	CB	CB36	789			0.45	2.25	0.6	0.81	639.009	1940.695	32.79	210	0	2911.000	23864
2B2C5h2c	CB	CB37	478			0.45	2.25	0.6	0.81	387.516	1176.899	32.79	127	0	1765.000	14472
2B2C5h2c	CB	CB38	291			0.45	2.25	0.6	0.81	236.021	716.803	32.79	77	0	1075.000	8814
2B2C5h2c	CB	CB39	455			0.45	2.25	0.6	0.81	368.188	1118.200	32.79	121	0	1677.000	13750
2B2C5h2c	CB	CB40	625			0.45	2.25	0.6	0.81	506.546	1538.399	32.79	166	0	2308.000	18917
2B2C5h2c	CB	CB41	232			0.45	2.25	0.6	0.81	188.059	571.143	32.79	62	0	857.000	7023
2B2C5h2c	CB	CB42	191			0.45	2.25	0.6	0.81	155.030	470.833	32.79	51	0	706.000	5790
2B2C5h2c	CB	CB43	149			0.45	2.25	0.6	0.81	120.514	366.007	32.79	40	0	549.000	4501
2B2C5h2c	CB	CB44	135			0.45	2.25	0.6	0.81	109.613	332.897	32.79	36	0	499.000	4094
2B2C5h2c	CB	CB45	613			0.45	2.25	0.6	0.81	496.699	1508.493	32.79	163	0	2263.000	18549
2B2C5h2c	CB	CB46	319			0.45	2.25	0.6	0.81	258.717	785.732	32.79	85	0	1179.000	9662
2B2C5h2c	CB	CB47	168			0.45	2.25	0.6	0.81	135.994	413.018	32.79	45	0	620.000	5079
2B2C5h2c	CB	CB48	160			0.45	2.25	0.6	0.81	129.333	392.791	32.79	42	0	589.000	4830
2B2C5h2c	CB	CB49	364			0.45	2.25	0.6	0.81	294.472	894.324	32.79	97	0	1341.000	10997
2B2C5h2c	CB	CB50	224			0.45	2.25	0.6	0.81	181.097	549.997	32.79	59	0	825.000	6763
2B2C5h2c	CB	CB51	175			0.45	2.25	0.6	0.81	141.905	430.971	32.79	47	0	646.000	5300
2B2C5h2c	CB	CB52	138			0.45	2.25	0.6	0.81	112.160	340.633	32.79	37	0	511.000	4189
2B2C5h2c	CB	CB53	328			0.45	2.25	0.6	0.81	265.436	806.138	32.79	87	0	1209.000	9913
2B2C5h2c	CB	CB54	387			0.45	2.25	0.6	0.81	313.752	952.875	32.79	103	0	1429.000	11717
2B2C5h2c	CB	CB55	200			0.45	2.25	0.6	0.81	161.752	491.248	32.79	53	0	737.000	6041

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2c	CB	CB56	296			0.45	2.25	0.6	0.81	240.029	728.976	32.79	79	0	1093.000	8964
2B2C5h2c	CB	CB57	128			0.45	2.25	0.6	0.81	103.999	315.850	32.79	34	0	474.000	3884
2B2C5h2c	CB	CB58	333			0.45	2.25	0.6	0.81	269.515	818.527	32.79	88	0	1228.000	10065
2B2C5h2c	CB	CB59	337			0.45	2.25	0.6	0.81	272.698	828.194	32.79	89	0	1242.000	10184
2B2C5h2c	CB	CB60	207			0.45	2.25	0.6	0.81	167.993	510.200	32.79	55	0	765.000	6274
2B2C5h2c	CB	CB61	330			0.45	2.25	0.6	0.81	267.542	812.536	32.79	88	0	1219.000	9992
2B2C5h2c	CB	CB62	127			0.45	2.25	0.6	0.81	102.964	312.706	32.79	34	0	469.000	3845
2B2C5h2c	CB	CB63	334			0.45	2.25	0.6	0.81	270.819	822.487	32.79	89	0	1234.000	10114
2B2C5h2c	CB	CB64	436			0.45	2.25	0.6	0.81	353.242	1072.810	32.79	116	0	1609.000	13192
2B2C5h2c	CB	CB65	581			0.45	2.25	0.6	0.81	470.925	1430.216	32.79	154	0	2145.000	17587
2B2C5h2c	CB	CB66	277			0.45	2.25	0.6	0.81	224.176	680.829	32.79	74	0	1021.000	8372
2B2C5h2c	CB	CB67	435			0.45	2.25	0.6	0.81	352.663	1071.051	32.79	116	0	1607.000	13170
2B2C5h2c	CB	CB68	65			0.45	2.25	0.6	0.81	52.881	160.601	32.79	17	0	241.000	1975
2B2C5h2c	CB	CB69	336			0.45	2.25	0.6	0.81	272.199	826.680	32.79	89	0	1240.000	10165
2B2C5h2c	CB	CB70	157			0.45	2.25	0.6	0.81	126.964	385.593	32.79	42	0	578.000	4742
2B2C5h2c	CB	CB71	204			0.45	2.25	0.6	0.81	165.102	501.420	32.79	54	0	752.000	6166
2B2C5h2c	CB	CB72	589			0.45	2.25	0.6	0.81	476.967	1448.566	32.79	156	0	2173.000	17813
2B2C5h2c	CB	CB73	292			0.45	2.25	0.6	0.81	236.866	719.370	32.79	78	0	1079.000	8846
2B2C5h2c	CB	CB74	543			0.45	2.25	0.6	0.81	439.494	1334.760	32.79	144	0	2002.000	16413
2B2C5h2c	CB	CB75	368			0.45	2.25	0.6	0.81	297.695	904.112	32.79	98	0	1356.000	11118
2B2C5h2c	CB	CB76	297			0.45	2.25	0.6	0.81	240.841	731.444	32.79	79	0	1097.000	8994
2B2C5h2c	CB	CB77	215			0.45	2.25	0.6	0.81	174.081	528.689	32.79	57	0	793.000	6501
2B2C5h2c	CB	CB78	323			0.45	2.25	0.6	0.81	262.024	795.775	32.79	86	0	1194.000	9785
2B2C5h2c	CB	CB79	610			0.45	2.25	0.6	0.81	494.253	1501.065	32.79	162	0	2252.000	18458
2B2C5h2c	CB	CB80	644			0.45	2.25	0.6	0.81	521.699	1584.419	32.79	171	0	2377.000	19483

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2c	CB	CB81	345			0.45	2.25	0.6	0.81	279.326	848.323	32.79	92	0	1272.000	10432
2B2C5h2c	CB	CB82	434			0.45	2.25	0.6	0.81	351.608	1067.846	32.79	115	0	1602.000	13131
2B2C5h2c	CB	CB83	590			0.45	2.25	0.6	0.81	477.559	1450.363	32.79	157	0	2176.000	17835
2B2C5h2c	CB	CB84	292			0.45	2.25	0.6	0.81	236.888	719.438	32.79	78	0	1079.000	8847
2B2C5h2c	CB	CB85	150			0.45	2.25	0.6	0.81	121.631	369.398	32.79	40	0	554.000	4542
2B2C5h2c	CB	CB86	144			0.45	2.25	0.6	0.81	116.331	353.303	32.79	38	0	530.000	4344
2B2C5h2c	CB	CB87	142			0.45	2.25	0.6	0.81	114.743	348.480	32.79	38	0	523.000	4285
2B2C5h2c	CB	CB88	250			0.45	2.25	0.6	0.81	202.124	613.859	32.79	66	0	921.000	7548
2B2C5h2c	CB	CB89	167			0.45	2.25	0.6	0.81	135.305	410.927	32.79	44	0	616.000	5053
2B2C5h2c	CB	CB90	162			0.45	2.25	0.6	0.81	131.444	399.200	32.79	43	0	599.000	4909
2B2C5h2c	CB	CB91	230			0.45	2.25	0.6	0.81	185.952	564.742	32.79	61	0	847.000	6944
2B2C5h2c	CRB	CRB01	162	2	HMP	2	3.5	0.6	1.65	267.700	1017.262	32.79	88	60000	1526.000	70304
2B2C5h2c	CRB	CRB02	289	3	HMP	2	3.5	0.6	1.65	476.983	1812.535	32.79	156	90000	2719.000	108359
2B2C5h2c	CRB	CRB03	322	3	HMP	2	3.5	0.6	1.65	531.899	2021.217	32.79	174	90000	3032.000	110473
2B2C5h2c	CRB	CRB04	57	1	HMP	2	3.5	0.6	1.65	94.854	360.446	32.79	31	30000	541.000	33651
2B2C5h2c	CRB	CRB05	640	6	HMP	2	3.5	0.6	1.65	1056.073	4013.077	32.79	346	180000	6020.000	220648
2B2C5h2c	ECD	ECD01	49	1	MSN	3	15	3	27	1334.464	811.552	52.29	698	15000	1217.000	85996
2B2C5h2c	ECD	ECD02	62	1	MSN	3	15	3	27	1673.009	1017.437	52.29	875	15000	1526.000	104008
2B2C5h2c	MB	MB01	854	4	CHT	0.6	3.6	1	2.1	1793.757	3271.471	32.79	588	40000	4907.000	103724
2B2C5h2c	MB	MB02	284	6	CHT	0.6	3.6	1	2.1	596.228	1087.407	32.79	196	60000	1631.000	81181
2B2C5h2c	MB	MB03	387	2	CHT	0.6	3.6	1	2.1	811.754	1480.484	32.79	266	20000	2221.000	48838
2B2C5h2c	MB	MB04	390	2	CHT	0.6	3.6	1	2.1	818.659	1493.078	32.79	268	20000	2240.000	49083
2B2C5h2c	MB	MB05	363	2	CHT	0.6	3.6	1	2.1	762.191	1390.092	32.79	250	20000	2085.000	47077
2B2C5h2c	MB	MB06	421	2	CHT	0.6	3.6	1	2.1	883.102	1610.610	32.79	290	20000	2416.000	51373
2B2C5h2c	MB	MB07	237	1	CHT	0.6	3.6	1	2.1	497.475	907.300	32.79	163	10000	1361.000	27673

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2c	MB	MB08	451	2	CHT	0.6	3.6	1	2.1	947.936	1728.855	32.79	311	20000	2593.000	53676
2B2C5h2c	MB	MB09	182	5	CHT	0.6	3.6	1	2.1	382.993	698.506	32.79	126	50000	1048.000	63606
2B2C5h2c	MB	MB10	400	2	CHT	0.6	3.6	1	2.1	840.863	1533.574	32.79	276	20000	2300.000	49872
2B2C5h2c	PB	PB01	85	1	CHT	0.6	3.6	1	2.1	177.870	324.400	32.79	58	10000	487.000	16319
2B2C5h2c	PB	PB02	87	1	CHT	0.6	3.6	1	2.1	183.601	334.854	32.79	60	10000	502.000	16523
2B2C5h2c	PB	PB03	71	1	CHT	0.6	3.6	1	2.1	148.121	270.145	32.79	49	10000	405.000	15262
2B2C5h2c	PB	PB04	77	1	CHT	0.6	3.6	1	2.1	161.650	294.819	32.79	53	10000	442.000	15743
2B2C5h2c	PB	PB05	131	1	CHT	0.6	3.6	1	2.1	275.237	501.980	32.79	90	10000	753.000	19778
2B2C5h2c	PB	PB06	108	1	CHT	0.6	3.6	1	2.1	227.189	414.350	32.79	74	10000	622.000	18071
2B2C5h2c	PB	PB07	82	1	CHT	0.6	3.6	1	2.1	171.232	312.294	32.79	56	10000	468.000	16083
2B2C5h2c	PB	PB08	96	1	CHT	0.6	3.6	1	2.1	201.416	367.344	32.79	66	10000	551.000	17155
2B2C5h2c	PB	PB09	64	1	CHT	0.6	3.6	1	2.1	133.943	244.286	32.79	44	10000	366.000	14758
2B2C5h2c	PB	PB10	78	1	CHT	0.6	3.6	1	2.1	164.807	300.577	32.79	54	10000	451.000	15855
2B2C5h2c	PB	PB11	130	1	CHT	0.6	3.6	1	2.1	273.433	498.689	32.79	90	10000	748.000	19714
2B2C5h2c	PB	PB12	110	1	CHT	0.6	3.6	1	2.1	232.027	423.173	32.79	76	10000	635.000	18243
2B2C5h2c	PB	PB13	142	1	CHT	0.6	3.6	1	2.1	298.610	544.608	32.79	98	10000	817.000	20608
2B2C5h2c	PB	PB14	85	1	CHT	0.6	3.6	1	2.1	178.628	325.783	32.79	59	10000	489.000	16346
2B2C5h2c	PB	PB15	127	1	CHT	0.6	3.6	1	2.1	265.877	484.909	32.79	87	10000	727.000	19445
2B2C5h2c	PB	PB16	107	1	CHT	0.6	3.6	1	2.1	225.280	410.868	32.79	74	10000	616.000	18003
2B2C5h2c	PB	PB17	83	1	CHT	0.6	3.6	1	2.1	175.062	319.279	32.79	57	10000	479.000	16219
2B2C5h2c	PB	PB18	74	1	CHT	0.6	3.6	1	2.1	156.014	284.540	32.79	51	10000	427.000	15543
2B2C5h2c	PB	PB19	114	1	CHT	0.6	3.6	1	2.1	240.110	437.915	32.79	79	10000	657.000	18530
2B2C5h2c	PB	PB20	101	1	CHT	0.6	3.6	1	2.1	211.896	386.457	32.79	69	10000	580.000	17528
2B2C5h2c	PB	PB21	138	1	CHT	0.6	3.6	1	2.1	289.417	527.841	32.79	95	10000	792.000	20282
2B2C5h2c	PB	PB22	81	1	CHT	0.6	3.6	1	2.1	170.651	311.236	32.79	56	10000	467.000	16063

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2c	PB	PB23	41	1	CHT	0.6	3.6	1	2.1	85.538	156.004	32.79	28	10000	234.000	13039
2B2C5h2c	PB	PB24	96	1	CHT	0.6	3.6	1	2.1	201.651	367.772	32.79	66	10000	552.000	17164
2B2C5h2c	PB	PB25	86	1	CHT	0.6	3.6	1	2.1	181.350	330.749	32.79	59	10000	496.000	16443
2B2C5h2c	PB	PB26	63	1	CHT	0.6	3.6	1	2.1	131.885	240.533	32.79	43	10000	361.000	14685
2B2C5h2c	PB	PB27	102	1	CHT	0.6	3.6	1	2.1	213.664	389.683	32.79	70	10000	585.000	17591
2B2C5h2c	PB	PB28	94	1	CHT	0.6	3.6	1	2.1	198.313	361.685	32.79	65	10000	543.000	17045
2B2C5h2c	PB	PB29	95	1	CHT	0.6	3.6	1	2.1	199.624	364.077	32.79	65	10000	546.000	17092
2B2C5h2c	PB	PB30	77	1	CHT	0.6	3.6	1	2.1	161.043	293.712	32.79	53	10000	441.000	15721
2B2C5h2c	PB	PB31	73	1	CHT	0.6	3.6	1	2.1	153.294	279.579	32.79	50	10000	419.000	15446
2B2C5h2c	PB	PB32	74	1	CHT	0.6	3.6	1	2.1	156.364	285.179	32.79	51	10000	428.000	15555
2B2C5h2c	PB	PB33	95	1	CHT	0.6	3.6	1	2.1	198.626	362.256	32.79	65	10000	543.000	17056
2B2C5h2c	PB	PB34	171	1	CHT	0.6	3.6	1	2.1	358.765	654.318	32.79	118	10000	981.000	22745
2B2C5h2c	PB	PB35	104	1	CHT	0.6	3.6	1	2.1	218.940	399.305	32.79	72	10000	599.000	17778
2B2C5h2c	PB	PB36	95	1	CHT	0.6	3.6	1	2.1	198.799	362.571	32.79	65	10000	544.000	17062
2B2C5h2c	PB	PB37	81	1	CHT	0.6	3.6	1	2.1	170.606	311.153	32.79	56	10000	467.000	16061
2B2C5h2c	PB	PB38	55	1	CHT	0.6	3.6	1	2.1	114.934	209.617	32.79	38	10000	314.000	14083
2B2C5h2c	PB	PB39	86	1	CHT	0.6	3.6	1	2.1	180.439	329.086	32.79	59	10000	494.000	16410
2B2C5h2c	PB	PB40	86	1	CHT	0.6	3.6	1	2.1	179.879	328.066	32.79	59	10000	492.000	16390
		Total	34682							42208.295			14436			2756881
2B2C5h2c	CD	CD01	10	1	MSN						0		0	0	0.000	600000
2B2C5h2c	PND	PND01		1	HMP						0					89309
2B2C5h2c	PND	PND02		1	HMP						0					87163
2B2C5h2c	PND	PND03		1	HMP						0					96430
2B2C5h2c	PND	PND04		1	HMP						0					91486
2B2C5h2c	PND	PND05		1	HMP						0					134427

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)	
						Top (T)	Base (B)	Height (H)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
2B2C5h2c	PND	PND06		1	HMP						0						84778
2B2C5h2c	PND	PND07		1	HMP						0						112251
2B2C5h2c	PND	PND08		1	HMP						0						87848
2B2C5h2c	PND	PND09		1	HMP						0						85327
2B2C5h2c	PND	PND10		1	HMP						0						86168
2B2C5h2c	PND	PND11		1	HMP						0						95834
<b>Total</b>																	<b>1651021</b>
2B2C5h2c	AFF	AFF01	3127								0						9381
2B2C5h2c	AFF	AFF02	2558								0						7674
2B2C5h2c	AFF	AFF03	3962								0						11887
2B2C5h2c	AFF	AFF04	3980								0						11940
2B2C5h2c	AFF	AFF05	4571								0						13713
2B2C5h2c	AFF	AFF06	4029								0						12088
2B2C5h2c	AFF	AFF07	2744								0						8231
2B2C5h2c	AFF	AFF08	2925								0						8774
2B2C5h2c	AFF	AFF09	2948								0						8844
2B2C5h2c	AFF	AFF10	5724								0						17172
2B2C5h2c	AFF	AFF11	2553								0						7660
2B2C5h2c	AFF	AFF12	8021								0						24063
2B2C5h2c	AFF	AFF13	4075								0						12224
2B2C5h2c	AFF	AFF14	2527								0						7582
2B2C5h2c	AFF	AFF15	3754								0						11263
2B2C5h2c	AFF	AFF16	10760								0						32279
2B2C5h2c	AFF	AFF17	3625								0						10876
2B2C5h2c	AFF	AFF18	2545								0						7636

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Total															223287
	Grand total															4631189

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding area sqm	Rate (Rs.)	EW Cost (RS.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2d	CB	CB01	413			0.45	2.25	0.6	0.81	334.510	1015.921	32.79	110	0	1524.000	12492
2B2C5h2d	CB	CB02	85			0.45	2.25	0.6	0.81	68.905	209.268	32.79	23	0	314.000	2573
2B2C5h2d	CB	CB03	543			0.45	2.25	0.6	0.81	439.923	1336.063	32.79	144	0	2004.000	16429
2B2C5h2d	CB	CB04	104			0.45	2.25	0.6	0.81	84.514	256.672	32.79	28	0	385.000	3156
2B2C5h2d	CB	CB05	219			0.45	2.25	0.6	0.81	177.660	539.561	32.79	58	0	809.000	6635
2B2C5h2d	CB	CB06	228			0.45	2.25	0.6	0.81	185.020	561.912	32.79	61	0	843.000	6910
2B2C5h2d	CB	CB07	205			0.45	2.25	0.6	0.81	165.867	503.743	32.79	54	0	756.000	6194
2B2C5h2d	CB	CB08	160			0.45	2.25	0.6	0.81	129.291	392.661	32.79	42	0	589.000	4828
2B2C5h2d	CB	CB09	147			0.45	2.25	0.6	0.81	118.733	360.595	32.79	39	0	541.000	4434
2B2C5h2d	CB	CB10	130			0.45	2.25	0.6	0.81	104.997	318.881	32.79	34	0	478.000	3921
2B2C5h2d	CB	CB11	124			0.45	2.25	0.6	0.81	100.727	305.911	32.79	33	0	459.000	3762
2B2C5h2d	CB	CB12	148			0.45	2.25	0.6	0.81	120.021	364.508	32.79	39	0	547.000	4482
2B2C5h2d	CB	CB13	151			0.45	2.25	0.6	0.81	122.680	372.583	32.79	40	0	559.000	4582
2B2C5h2d	CB	CB14	171			0.45	2.25	0.6	0.81	138.891	421.818	32.79	46	0	633.000	5187

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2d	CB	CB15	109			0.45	2.25	0.6	0.81	88.077	267.493	32.79	29	0	401.000	3289
2B2C5h2d	CB	CB16	75			0.45	2.25	0.6	0.81	61.048	185.404	32.79	20	0	278.000	2280
2B2C5h2d	CB	CB17	76			0.45	2.25	0.6	0.81	61.469	186.684	32.79	20	0	280.000	2296
2B2C5h2d	CB	CB18	113			0.45	2.25	0.6	0.81	91.173	276.896	32.79	30	0	415.000	3405
2B2C5h2d	CB	CB19	499			0.45	2.25	0.6	0.81	404.046	1227.104	32.79	132	0	1841.000	15089
2B2C5h2d	CB	CB20	85			0.45	2.25	0.6	0.81	68.793	208.926	32.79	23	0	313.000	2569
2B2C5h2d	CB	CB21	177			0.45	2.25	0.6	0.81	143.670	436.331	32.79	47	0	654.000	5365
2B2C5h2d	CB	CB22	204			0.45	2.25	0.6	0.81	165.257	501.892	32.79	54	0	753.000	6172
2B2C5h2d	CB	CB23	577			0.45	2.25	0.6	0.81	467.388	1419.475	32.79	153	0	2129.000	17455
2B2C5h2d	CB	CB24	307			0.45	2.25	0.6	0.81	248.381	754.343	32.79	81	0	1132	9276
2B2C5h2d	CB	CB25	188			0.45	2.25	0.6	0.81	152.628	463.537	32.79	50	0	695	5700
2B2C5h2d	CB	CB26	191			0.45	2.25	0.6	0.81	154.788	470.097	32.79	51	0	705	5781
2B2C5h2d	CB	CB27	195			0.45	2.25	0.6	0.81	158.288	480.727	32.79	52	0	721	5911
2B2C5h2d	CB	CB28	212			0.45	2.25	0.6	0.81	171.326	520.324	32.79	56	0	780	6398
2B2C5h2d	CB	CB29	319			0.45	2.25	0.6	0.81	258.254	784.327	32.79	85	0	1176	9645
2B2C5h2d	CB	CB30	71			0.45	2.25	0.6	0.81	57.264	173.914	32.79	19	0	261	2139
2B2C5h2d	CB	CB31	139			0.45	2.25	0.6	0.81	112.193	340.735	32.79	37	0	511	4190
2B2C5h2d	CB	CB32	263			0.45	2.25	0.6	0.81	212.970	646.799	32.79	70	0	970	7953
2B2C5h2d	CB	CB33	105			0.45	2.25	0.6	0.81	84.684	257.189	32.79	28	0	386	3163
2B2C5h2d	CB	CB34	189			0.45	2.25	0.6	0.81	152.705	463.770	32.79	50	0	696	5703
2B2C5h2d	CB	CB35	70			0.45	2.25	0.6	0.81	56.499	171.590	32.79	19	0	257	2110
2B2C5h2d	CB	CB36	162			0.45	2.25	0.6	0.81	130.933	397.648	32.79	43	0	596	4890
2B2C5h2d	CB	CB37	395			0.45	2.25	0.6	0.81	319.685	970.894	32.79	105	0	1456	11939
2B2C5h2d	CB	CB38	179			0.45	2.25	0.6	0.81	145.319	441.338	32.79	48	0	662	5427
2B2C5h2d	CB	CB39	139			0.45	2.25	0.6	0.81	112.337	341.171	32.79	37	0	512	4195

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2d	CB	CB40	137			0.45	2.25	0.6	0.81	111.186	337.676	32.79	36	0	507	4152
2B2C5h2d	CB	CB41	240			0.45	2.25	0.6	0.81	194.548	590.848	32.79	64	0	886	7265
2B2C5h2d	CB	CB42	104			0.45	2.25	0.6	0.81	84.452	256.483	32.79	28	0	385	3154
2B2C5h2d	CRB	CRB01	389	4	HMP	2	3.5	0.6	1.65	641.158	2436.402	32.79	210	120000	3655	144678
2B2C5h2d	CRB	CRB02	216	1	HMP	2	3.5	0.6	1.65	356.840	1355.991	32.79	117	30000	2034	43735
2B2C5h2d	ECD	ECD01	54	1	MSN	3	15	3	27	1457.914	886.628	52.29	762	15000	1330	92564
2B2C5h2d	ECD	ECD02	43	1	MSN	3	15	3	27	1157.830	704.132	52.29	605	15000	1056	76599
2B2C5h2d	ECD	ECD03	40	1	MSN	3	15	3	27	1072.456	652.212	52.29	561	15000	978	72057
2B2C5h2d	ECD	ECD04	64	1	MSN	3	15	3	27	1717.158	1044.286	52.29	898	15000	1566	106357
2B2C5h2d	MB	MB01	236	1	CHT	0.6	3.6	1	2.1	495.722	904.102	32.79	163	10000	1356	27611
2B2C5h2d	MB	MB02	521	2	CHT	0.6	3.6	1	2.1	1093.148	1993.695	32.79	358	20000	2991	58835
2B2C5h2d	MB	MB03	143	1	CHT	0.6	3.6	1	2.1	299.312	545.888	32.79	98	10000	819	20633
2B2C5h2d	MB	MB04	405	2	CHT	0.6	3.6	1	2.1	850.205	1550.612	32.79	279	20000	2326	50204
2B2C5h2d	MB	MB05	360	2	CHT	0.6	3.6	1	2.1	756.263	1379.279	32.79	248	20000	2069	46867
2B2C5h2d	MB	MB06	162	2	CHT	0.6	3.6	1	2.1	340.443	620.903	32.79	112	20000	931	32094
2B2C5h2d	MB	MB07	257	1	CHT	0.6	3.6	1	2.1	540.055	984.957	32.79	177	10000	1477	29186
2B2C5h2d	MB	MB08	134	1	CHT	0.6	3.6	1	2.1	281.737	513.835	32.79	92	10000	771	20009
2B2C5h2d	MB	MB09	122	1	CHT	0.6	3.6	1	2.1	256.329	467.495	32.79	84	10000	701	19106
2B2C5h2d	MB	MB10	122	1	CHT	0.6	3.6	1	2.1	255.931	466.770	32.79	84	10000	700	19092
2B2C5h2d	MB	MB11	71	2	CHT	0.6	3.6	1	2.1	150.027	273.620	32.79	49	20000	410	25330
<b>Total</b>			<b>11691</b>							<b>18494.628</b>			<b>7129</b>			<b>1137470</b>
2B2C5h2d	PND	PND01		1	HMP							0				89122
2B2C5h2d	PND	PND02		1	HMP							0				90446
2B2C5h2d	PND	PND03		1	HMP							0				96331

Watershed Code	Activity Code	Feature Type	Feature ID	Outlets	Outlet Type	Parameters in Meters			Cross Section Sqm. (T+B)/2xH	Earth Work Cum	Sodding Area Sqm.	Rate (Rs.)	EW Cost (Rs.)	Outlet Cost (Rs.)	Sodding Area	Sodding Cost (Rs.)
						Top (T)	Base (B)	Height (H)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2B2C5h2d	PND	PND04		1	HMP						0					109675
2B2C5h2d	AFF	AFF01	685								0					2054
2B2C5h2d	AFF	AFF01	203								0					2430
2B2C5h2d	AFF	AFF02	1526								0					4577
2B2C5h2d	AFF	AFF02	203								0					2430
2B2C5h2d	AFF	AFF03	1675								0					5025
2B2C5h2d	AFF	AFF03	301								0					3600
2B2C5h2d	AFF	AFF04	2407								0					7220
2B2C5h2d	AFF	AFF04	336								0					4020
2B2C5h2d	AFF	AFF05	2334								0					7003
2B2C5h2d	AFF	AFF05	380								0					4560
2B2C5h2d	AFF	AFF06	3570								0					10711
2B2C5h2d	AFF	AFF06	388								0					4650
2B2C5h2d	AFF	AFF07	3353								0					10058
2B2C5h2d	AFF	AFF07	144								0					1740
2B2C5h2d	AFF	AFF08	1302								0					3907
2B2C5h2d	AFF	AFF08	329								0					3960
2B2C5h2d	AFF	AFF09	4057								0					12171
2B2C5h2d	AFF	AFF09	95								0					1140
2B2C5h2d	AFF	AFF10	2184								0					6551
2B2C5h2d	AFF	AFF10	179								0					2160
	Total															485541
	Grand Total															1623011

## ANNEXURE-II

**Table II.1 Contribution to Watershed Development Fund (WDF)**

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2c	Bhawanipur	Bhawanipur	CB13	1531	0.955	0.955	6547	216	175.3	57	327.4
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1950	0.2188	1.8544	12189	403	326.4	107	71.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1951	0.0394	1.8544					13.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB14		0.0004	1.8544					0.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1954	0.1005	1.8544					33.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1478	0.0557	1.8544					18.3
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1480	0.0808	1.8544					26.6
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1479	0.1088	1.8544					35.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1481	0.3207	1.8544					105.4
2B2C5h2c	Bhawanipur	Bhawanipur	CB14	1477	0.9293	1.8544					305.4
2B2C5h2c	Bhawanipur	Bhawanipur	CB27	1342	0.768	0.768	2424	80	64.9	21	121.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB28	1853	0.0758	1.9036	6282	208	168.2	55	12.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB28	1852	0.734	1.9036					121.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB28	1371	1.073	1.9036					177.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB28	1369	0.0208	1.9036					3.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB29	1374	0.3421	0.3421	2861	95	76.6	25	143.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB30	1528	1.325	1.325	4557	151	122	40	227.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB36	1847	0.3699	2.0773	23864	789	639	210	212.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB37	1857	0.2892	2.1487	14472	478	387.5	127	97.4
2B2C5h2c	Bhawanipur	Bhawanipur	CB39	1986	0.0445	1.3965	13750	455	368.2	121	21.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB39	1987	0.1639	1.3965					80.7
2B2C5h2c	Bhawanipur	Bhawanipur	CB39	1985	0.103	1.3965					50.7
2B2C5h2c	Bhawanipur	Bhawanipur	CB39	1988	0.5761	1.3965					283.6

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2c	Bhawanipur	Bhawanipur	CB39	1992	0.0502	1.3965					24.7
2B2C5h2c	Bhawanipur	Bhawanipur	CB39	1991	0.059	1.3965					29.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB39	1933	0.3998	1.3965					196.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1970	0.0976	2.3114	18917	625	506.5	166	40.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	2008	0.041	2.3114					16.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	2017	0.0714	2.3114					29.3
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1973	0.051	2.3114					20.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1971	0.1868	2.3114					76.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1974	0.0579	2.3114					23.7
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1975	0.0818	2.3114					33.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1972	0.2095	2.3114					85.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1979	1.1254	2.3114					460.6
2B2C5h2c	Bhawanipur	Bhawanipur	CB40	1938	0.389	2.3114					159.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB47	1850	0.1246	0.2857	5079	168	136	45	110.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB47	1848	0.1611	0.2857					143.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB48	1475	0.2976	0.4332	4830	160	129.3	42	166.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB48	1476	0.1355	0.4332					75.6
2B2C5h2c	Bhawanipur	Bhawanipur	CB64	1964	0.0328	1.7024	13192	436	353.2	116	12.7
2B2C5h2c	Bhawanipur	Bhawanipur	CB64	1963	0.0785	1.7024					30.4
2B2C5h2c	Bhawanipur	Bhawanipur	CB64	1960	0.1939	1.7024					75.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB64	1959	0.3174	1.7024					123.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB64	1958	0.548	1.7024					212.3
2B2C5h2c	Bhawanipur	Bhawanipur	CB65	1969	0.1192	1.4368	17587	581	470.9	154	73.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB67	1966	0.1607	0.5764	13170	435	352.7	116	183.6
2B2C5h2c	Bhawanipur	Bhawanipur	CB67	1965	0.1962	0.5764					224.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB67	1968	0.1778	0.5764					203.1

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2c	Bhawanipur	Bhawanipur	CB70	1319	0.0735	0.6554	4742	157	127	42	26.6
2B2C5h2c	Bhawanipur	Bhawanipur	CB70	1320	0.0637	0.6554					23.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB70	1293	0.5183	0.6554					187.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1333	0.1268	2.7914	17813	589	477	156	40.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1340	0.1417	2.7914					45.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1341	0.8261	2.7914					263.6
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1326	0.1752	2.7914					55.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1327	0.066	2.7914					21.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1329	0.4561	2.7914					145.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1331	0.3166	2.7914					101.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1332	0.1321	2.7914					42.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1334	0.2043	2.7914					65.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1335	0.2252	2.7914					71.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB72	1336	0.1213	2.7914					38.7
2B2C5h2c	Bhawanipur	Bhawanipur	CB73	1483	0.282	1.2139	8846	292	236.9	78	102.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB73	1488	0.027	1.2139					9.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB73	1489	0.0348	1.2139					12.7
2B2C5h2c	Bhawanipur	Bhawanipur	CB73	1484	0.2111	1.2139					76.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB73	1505	0.4308	1.2139					157.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB73	1490	0.2281	1.2139					83.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB74	1472	0.3575	4.0612	16413	543	439.5	144	72.3
2B2C5h2c	Bhawanipur	Bhawanipur	CB75	1433	0.0325	0.9869	11118	368	297.7	98	18.3
2B2C5h2c	Bhawanipur	Bhawanipur	CB75	1434	0.0441	0.9869					24.9
2B2C5h2c	Bhawanipur	Bhawanipur	CB75	1431	0.0144	0.9869					8.1
2B2C5h2c	Bhawanipur	Bhawanipur	CB75	1430	0.0114	0.9869					6.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB79	1956	2.6948	2.6948	18458	610	494.3	162	922.9

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2c	Bhawanipur	Bhawanipur	CB85	1418	0.3224	1.1378	4542	150	121.6	40	64.4
2B2C5h2c	Bhawanipur	Bhawanipur	CB85	1411	0.8154	1.1378					162.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB86	1499	0.2774	0.2774	4344	144	116.3	38	217.2
2B2C5h2c	Bhawanipur	Bhawanipur	CB87	1379	0.0802	0.5163	4285	142	114.7	38	33.3
2B2C5h2c	Bhawanipur	Bhawanipur	CB87	1376	0.066	0.5163					27.4
2B2C5h2c	Bhawanipur	Bhawanipur	CB87	1375	0.2646	0.5163					109.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB87	1380	0.1055	0.5163					43.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB88	1497	0.1173	0.8084	7548	250	202.1	66	54.8
2B2C5h2c	Bhawanipur	Bhawanipur	CB88	1500	0.1821	0.8084					85.0
2B2C5h2c	Bhawanipur	Bhawanipur	CB88	1498	0.1166	0.8084					54.5
2B2C5h2c	Bhawanipur	Bhawanipur	CB88	1501	0.2561	0.8084					119.6
2B2C5h2c	Bhawanipur	Bhawanipur	CB88	1502	0.1363	0.8084					63.6
2B2C5h2c	Bhawanipur	Bhawanipur	CRB04	1325	0.0099	0.0099	33651	57	94.9	31	1682.6
2B2C5h2c	Bhawanipur	Bhawanipur	ECD01	1941	5.0195	5.0195	85996	49	1334.5	698	4299.8
2B2C5h2c	Bhawanipur	Bhawanipur	ECD02	1980	0.3236	0.3236	104008	62	1673	875	5200.4
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1456	0.3218	3.2135	103724	854	1793.8	588	519.4
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1458	0.1926	3.2135					310.9
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1457	0.1128	3.2135					182.0
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1461	0.0824	3.2135					133.0
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1462	0.0521	3.2135					84.2
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1460	0.1967	3.2135					317.5
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1465	0.1952	3.2135					315.0
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1447	0.626	3.2135					1010.4
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1463	0.3771	3.2135					608.7
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1439	0.2251	3.2135					363.3
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1421	0.0815	3.2135					131.5

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1405	0.2514	3.2135					405.7
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1404	0.1203	3.2135					194.2
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1406	0.108	3.2135					174.3
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1393	0.077	3.2135					124.3
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1407	0.0769	3.2135					124.2
2B2C5h2c	Bhawanipur	Bhawanipur	MB01	1408	0.1165	3.2135					188.1
2B2C5h2c	Bhawanipur	Bhawanipur	MB02		0.0006	0.6062	81181	284	596.2	196	3.8
2B2C5h2c	Bhawanipur	Bhawanipur	MB02		0.0012	0.6062					7.8
2B2C5h2c	Bhawanipur	Bhawanipur	MB02	1400	0.0871	0.6062					583.2
2B2C5h2c	Bhawanipur	Bhawanipur	MB02	1398	0.1825	0.6062					1222.1
2B2C5h2c	Bhawanipur	Bhawanipur	MB08	1389	1.2878	14.0331	53676	451	947.9	311	246.3
2B2C5h2c	Bhawanipur	Bhawanipur	MB08	1416	0.0567	14.0331					10.9
2B2C5h2c	Bhawanipur	Bhawanipur	MB08	1412	0.0128	14.0331					2.5
2B2C5h2c	Bhawanipur	Bhawanipur	MB08	1413	0.1506	14.0331					28.8
2B2C5h2c	Bhawanipur	Bhawanipur	MB08	1388	0.0835	14.0331					16.0
2B2C5h2c	Bhawanipur	Bhawanipur	MB08	1516	12.3527	14.0331					2362.5
2B2C5h2c	Bhawanipur	Bhawanipur	MB08	1372	0.089	14.0331					17.0
2B2C5h2c	Bhawanipur	Bhawanipur	MB09	1355	0.1801	0.3584	63606	182	383	126	1597.7
2B2C5h2c	Bhawanipur	Bhawanipur	MB09	1354	0.0479	0.3584					425.0
2B2C5h2c	Bhawanipur	Bhawanipur	MB09	1361	0.0576	0.3584					511.1
2B2C5h2c	Bhawanipur	Bhawanipur	MB09	1360	0.0729	0.3584					646.6
2B2C5h2c	Bhawanipur	Bhawanipur	PB14	1993	0.0574	0.4228	16346	85	178.6	59	111.0
2B2C5h2c	Bhawanipur	Bhawanipur	PB14	1982	0.1405	0.4228					271.6
2B2C5h2c	Bhawanipur	Bhawanipur	PB14	2000	0.1292	0.4228					249.7
2B2C5h2c	Bhawanipur	Bhawanipur	PB14	1983	0.0958	0.4228					185.2
2B2C5h2c	Bhawanipur	Bhawanipur	PB15	2004	0.049	0.0792	19445	127	265.9	87	601.5

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2c	Bhawanipur	Bhawanipur	PB15	2003	0.0302	0.0792					370.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB01	1581	0.1258	0.5885	12492	413	334.5	110	133.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB01	1580	0.1392	0.5885					147.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB01	1582	0.3235	0.5885					343.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB02	1560	0.518	0.518	2573	85	68.9	23	128.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB03	1578	0.3128	0.3128	16429	543	439.9	144	821.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB04	1606	0.1672	1.1454	3156	104	84.5	28	23.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB04	1608	0.9513	1.1454					131.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB04	1607	0.0269	1.1454					3.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB06	1690	0.2488	1.3381	6910	228	185	61	64.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB06	1689	0.5327	1.3381					137.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB06	1687	0.5566	1.3381					143.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB09	1562	1.1435	1.1435	4434	147	118.7	39	221.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB10	1541	0.1609	0.1609	3921	130	105	34	196.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB11	1662	0.5824	0.5824	3762	124	100.7	33	188.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB12	1542	0.1164	0.7054	4482	148	120	39	37.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB12	1539	0.1806	0.7054					57.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB12	1540	0.4084	0.7054					129.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB13	1532	0.9563	0.9563	4582	151	122.7	40	229.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB15	1702	0.8508	0.8508	3289	109	88.1	29	164.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB16	1807	0.0928	0.0928	2280	75	61	20	114.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB17	1810	0.0881	0.1747	2296	76	61.5	20	57.9
2B2C5h2d	Bhawanipur	Bhawanipur	CB17	1808	0.0866	0.1747					56.9
2B2C5h2d	Bhawanipur	Bhawanipur	CB19	1712	0.4129	2.211	15089	499	404	132	140.9
2B2C5h2d	Bhawanipur	Bhawanipur	CB19	1745	0.4929	2.211					168.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB19	1747	0.3907	2.211					133.3

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2d	Bhawanipur	Bhawanipur	CB19	1739	0.1161	2.211					39.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB19	1705	0.7983	2.211					272.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB20	1631	1.0544	1.0544	2569	85	68.8	23	128.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB21	1629	1.5334	2.5812	5365	177	143.7	47	159.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB21	1632	1.0478	2.5812					108.9
2B2C5h2d	Bhawanipur	Bhawanipur	CB22	1709	0.024	0.6179	6172	204	165.3	54	12.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB22	1717	0.033	0.6179					16.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB22	1719	0.0834	0.6179					41.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB22	1706	0.0559	0.6179					28.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB22	1728	0.1959	0.6179					97.9
2B2C5h2d	Bhawanipur	Bhawanipur	CB22	1707	0.2256	0.6179					112.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1743	0.0348	2.2632	17455	577	467.4	153	13.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1750	0.0705	2.2632					27.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1782	0.091	2.2632					35.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1742	0.0789	2.2632					30.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1781	0.1061	2.2632					41.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1741	0.0696	2.2632					26.9
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1798	0.0825	2.2632					31.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1744	0.3562	2.2632					137.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1783	0.0583	2.2632					22.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1749	0.331	2.2632					127.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1792	0.0724	2.2632					27.9
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1797	0.1098	2.2632					42.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1784	0.142	2.2632					54.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1795	0.1519	2.2632					58.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1740	0.3166	2.2632					122.1

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1793	0.0909	2.2632					35.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB23	1794	0.1005	2.2632					38.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB24	1762	0.7787	2.212	9276	307	248.4	81	163.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB24	1752	0.1822	2.212					38.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB24	1777	0.3032	2.212					63.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB24	1776	0.465	2.212					97.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB24	1751	0.4829	2.212					101.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB25	1824	0.139	0.5006	5700	188	152.6	50	79.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB25	1820	0.1398	0.5006					79.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB25	1825	0.1373	0.5006					78.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB25	1821	0.0845	0.5006					48.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB26	1831	0.1229	0.5591	5781	191	154.8	51	63.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB26	1830	0.084	0.5591					43.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB26	1823	0.2231	0.5591					115.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB26	1827	0.1291	0.5591					66.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB27	1842	0.1031	0.6132	5911	195	158.3	52	49.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB27	1844	0.0573	0.6132					27.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB27	1822	0.1956	0.6132					94.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB27	1845	0.2572	0.6132					124.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB28	1838	0.0442	0.9913	6398	212	171.3	56	14.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB28	1837	0.0738	0.9913					23.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB28	1841	0.0998	0.9913					32.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB28	1854	0.209	0.9913					67.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB28	1832	0.5645	0.9913					182.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB29	1865	0.0429	0.726	9645	319	258.3	85	28.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB29	1867	0.0738	0.726					49.0

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2d	Bhawanipur	Bhawanipur	CB29	1859	0.0897	0.726					59.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB29	1864	0.135	0.726					89.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB29	1868	0.1538	0.726					102.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB29	1863	0.0894	0.726					59.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB29	1858	0.1415	0.726					94.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB30	1926	0.2063	0.4249	2139	71	57.3	19	52.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB30	1927	0.2186	0.4249					55.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB31	1928	0.1977	0.8372	4190	139	112.2	37	49.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB31	1931	0.2676	0.8372					67.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB31	1930	0.3718	0.8372					93.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB32	1566	1.0383	1.0383	7953	263	213	70	397.7
2B2C5h2d	Bhawanipur	Bhawanipur	CB33	1813	0.0722	0.0722	3163	105	84.7	28	158.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB34	1722	0.1174	1.3362	5703	189	152.7	50	25.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB34	1724	1.2188	1.3362					260.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB35	1656	0.0599	0.15	2110	70	56.5	19	42.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB35	1657	0.0901	0.15					63.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB36	1846	0.3562	0.3562	4890	162	130.9	43	244.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB37	1862	0.0524	2.4932	11939	395	319.7	105	12.6
2B2C5h2d	Bhawanipur	Bhawanipur	CB37	1860	0.2789	2.4932					66.8
2B2C5h2d	Bhawanipur	Bhawanipur	CB37	1840	0.1439	2.4932					34.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB37	1839	0.3006	2.4932					72.0
2B2C5h2d	Bhawanipur	Bhawanipur	CB37	1883	1.7174	2.4932					411.2
2B2C5h2d	Bhawanipur	Bhawanipur	CB38	1870	0.173	0.8082	5427	179	145.3	48	58.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB38	1866	0.135	0.8082					45.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB38	1936	0.1143	0.8082					38.4
2B2C5h2d	Bhawanipur	Bhawanipur	CB38	1918	0.3859	0.8082					129.6

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2d	Bhawanipur	Bhawanipur	CB39	1649	3.1177	3.3318	4195	139	112.3	37	196.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB39	1653	0.0513	3.3318					3.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB39	1651	0.1628	3.3318					10.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB40	1620	0.2038	0.2298	4152	137	111.2	36	184.1
2B2C5h2d	Bhawanipur	Bhawanipur	CB40	1618	0.026	0.2298					23.5
2B2C5h2d	Bhawanipur	Bhawanipur	CB41	1736	0.9483	0.9483	7265	240	194.5	64	363.3
2B2C5h2d	Bhawanipur	Bhawanipur	CB42	1746	0.2291	0.2291	3154	104	84.5	28	157.7
2B2C5h2d	Bhawanipur	Bhawanipur	CRB01	1826	0.0964	0.0964	144678	389	641.2	210	7233.9
2B2C5h2d	Bhawanipur	Bhawanipur	CRB02	1567	0.056	0.056	43735	216	356.8	117	2186.8
2B2C5h2d	Bhawanipur	Bhawanipur	ECD02	1646	0.0745	0.0745	76599	43	1157.8	605	3830.0
2B2C5h2d	Bhawanipur	Bhawanipur	ECD03	1929	0.1013	0.1013	72057	40	1072.5	561	3602.9
2B2C5h2d	Bhawanipur	Bhawanipur	ECD04	1636	0.7434	0.7434	106357	64	1717.2	898	5317.9
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1731	0.0258	0.7867	27611	236	495.7	163	45.3
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1733	0.1021	0.7867					179.2
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1735	0.1071	0.7867					188.0
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1734	0.1057	0.7867					185.5
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1732	0.0976	0.7867					171.3
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1727	0.1654	0.7867					290.4
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1726	0.0676	0.7867					118.7
2B2C5h2d	Bhawanipur	Bhawanipur	MB01	1725	0.1153	0.7867					202.4
2B2C5h2d	Bhawanipur	Bhawanipur	MB02	1675	0.2915	1.0071	58835	521	1093.1	358	851.5
2B2C5h2d	Bhawanipur	Bhawanipur	MB02	1674	0.2667	1.0071					779.1
2B2C5h2d	Bhawanipur	Bhawanipur	MB02	1673	0.0663	1.0071					193.5
2B2C5h2d	Bhawanipur	Bhawanipur	MB02	1676	0.3827	1.0071					1117.8
2B2C5h2d	Bhawanipur	Bhawanipur	MB03	1548	0.0331	0.1914	20633	143	299.3	98	178.4
2B2C5h2d	Bhawanipur	Bhawanipur	MB03	1547	0.0559	0.1914					301.3

Watershed code	Gram Panchayat	Feature Type	Feature ID	Plot No	Plot Area	Total Beneficiary Area	Outlet Type	Length	Earth work	Mandays	WDF Contribution
1	2	3	4	5	6	7	8	9	10	11	12
2B2C5h2d	Bhawanipur	Bhawanipur	MB03	1546	0.0454	0.1914					244.7
2B2C5h2d	Bhawanipur	Bhawanipur	MB03	1545	0.057	0.1914					307.3
2B2C5h2d	Bhawanipur	Bhawanipur	MB04	1652	1.1104	1.376	50204	405	850.2	279	2025.8
2B2C5h2d	Bhawanipur	Bhawanipur	MB04	1659	0.1503	1.376					274.2
2B2C5h2d	Bhawanipur	Bhawanipur	MB04	1660	0.1153	1.376					210.3
2B2C5h2d	Bhawanipur	Bhawanipur	MB05	1681	0.2624	0.8018	46867	360	756.3	248	766.8
2B2C5h2d	Bhawanipur	Bhawanipur	MB05	1683	0.3967	0.8018					1159.4
2B2C5h2d	Bhawanipur	Bhawanipur	MB05	1682	0.1427	0.8018					417.2
2B2C5h2d	Bhawanipur	Bhawanipur	MB07	1124	0.2375	1.3772	29186	257	540.1	177	251.7
2B2C5h2d	Bhawanipur	Bhawanipur	MB07	1125	0.3938	1.3772					417.3
2B2C5h2d	Bhawanipur	Bhawanipur	MB07	1132	0.1064	1.3772					112.8
2B2C5h2d	Bhawanipur	Bhawanipur	MB07	1550	0.6395	1.3772					677.6
2B2C5h2d	Bhawanipur	Bhawanipur	MB08	1565	0.3978	0.7098	20009	134	281.7	92	560.7
2B2C5h2d	Bhawanipur	Bhawanipur	MB08	1564	0.312	0.7098					439.8
2B2C5h2d	Bhawanipur	Bhawanipur	MB09	1612	0.9724	0.9724	19106	122	256.3	84	955.3
2B2C5h2d	Bhawanipur	Bhawanipur	MB10	1614	0.323	0.607	19092	122	255.9	84	508.0
2B2C5h2d	Bhawanipur	Bhawanipur	MB10	1617	0.0282	0.607					44.4
2B2C5h2d	Bhawanipur	Bhawanipur	MB10	1616	0.1266	0.607					199.1
2B2C5h2d	Bhawanipur	Bhawanipur	MB10	1615	0.1292	0.607					203.2
2B2C5h2d	Bhawanipur	Bhawanipur	MB11	1556	0.1933	0.3706	25330	71	150	49	660.6
2B2C5h2d	Bhawanipur	Bhawanipur	MB11	1551	0.1773	0.3706					605.9
								0	0	0	84144.3

Note : The remaining details of WDF are given in project file.