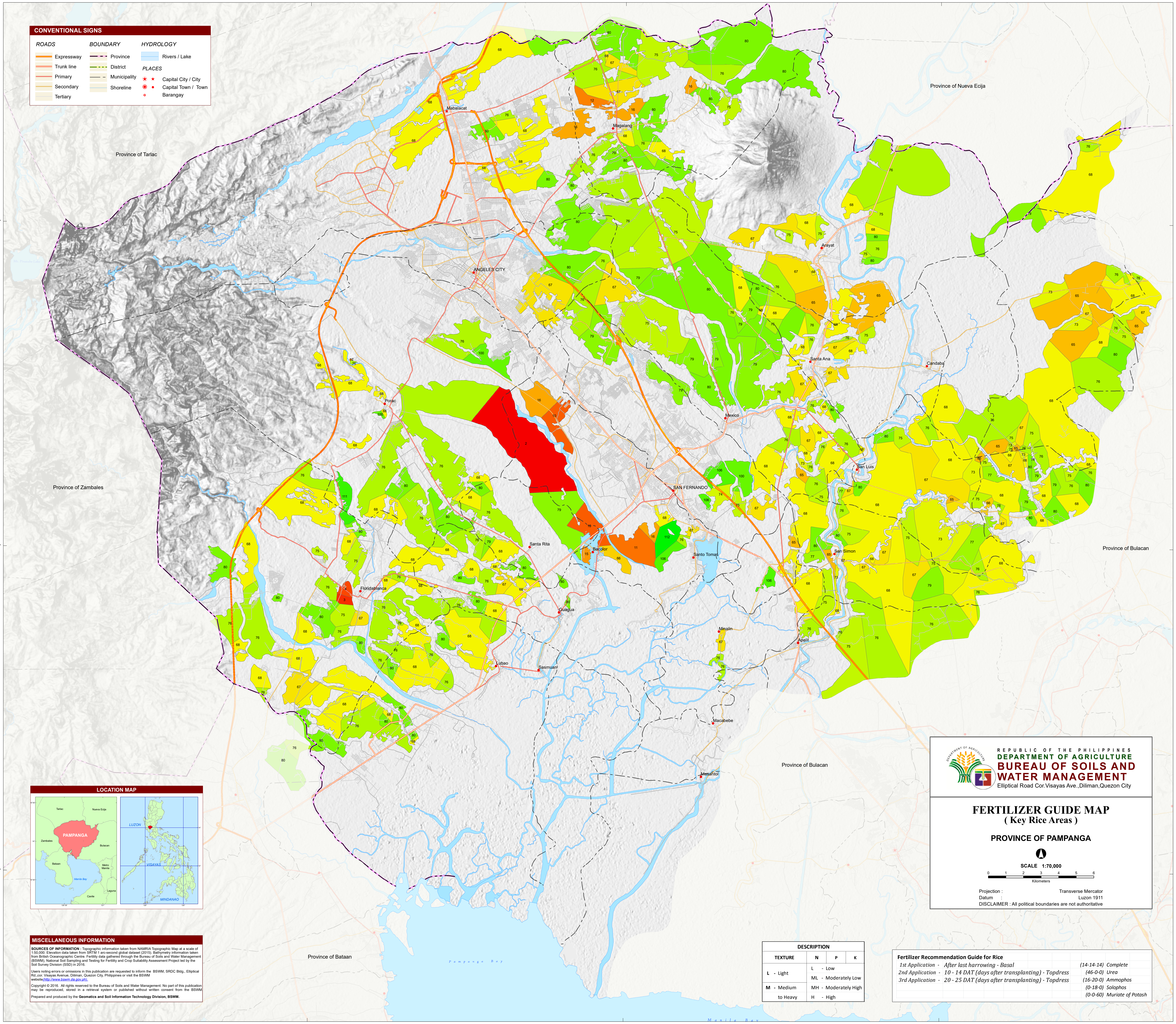

CONVENTIONAL SIGNS

ROADS
- Expressway
- Trunk line
- Primary
- Secondary
- Tertiary

BOUNDARY
- Province
- District
- Municipality
- Shoreline

HYDROLOGY
- Rivers / Lake

PLACES
- ★ ★ Capital City / City
- ◉ ● Capital Town / Town
- ○ Barangay

MISCELLANEOUS INFORMATION

SOURCES OF INFORMATION : Topographic information taken from NAMRIA Topographic Map at a scale of 1:50,000. Elevation data taken from SRTM 1 arc-second global dataset (2015). Bathymetry information taken from British Oceanographic Centre. Fertility data gathered through the Bureau of Soils and Water Management (BSWM), National Soil Sampling and Testing for Fertility and Crop Suitability Assessment Project led by the Soil Survey Division (SSD) in 2016.

Users noting errors or omissions in this publication are requested to inform the BSWM, SRDC Bldg., Elliptical Rd.,cor. Visayas Avenue, Diliman, Quezon City, Philippines or visit the BSWM website(http://www.bswm.da.gov.ph).

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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
Elliptical Road Cor.Visayas Ave.,Diliman,Quezon City

FERTILIZER GUIDE MAP
(Key Rice Areas)

PROVINCE OF PAMPANGA

SCALE 1:70,000
0 1 2 3 4 5 6
Kilometers

Projection : Transverse Mercator
Datum : Luzon 1911
DISCLAIMER : All political boundaries are not authoritative

DESCRIPTION			
TEXTURE	N	P	K
L - Light	L - Low		
	ML - Moderately Low		
M - Medium	MH - Moderately High		
to Heavy	H - High		

Fertilizer Recommendation Guide for Rice			
1st Application -	*After last harrowing - Basal*	*(14-14-14)*	*Complete*
2nd Application -	*10 - 14 DAT (days after transplanting) - Topdress*	*(46-0-0)*	*Urea*
3rd Application -	*20 - 25 DAT (days after transplanting) - Topdress*	*(16-20-0)*	*Ammophos*
		(0-18-0)	*Solophos*
		(0-0-60)	*Muriate of Potash*

LEGEND

MAPPING UNIT	DESCRIPTION	*All options recommended to apply 10-20 bags/ha Organic Fertilizer*																	
		INBRED RICE								HYBRID RICE								AREA	
		WET SEASON				DRY SEASON				WET SEASON				DRY SEASON					
		Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	ha	%
	TEXTURE-N-P-K	N	P_2O_5	K_2O		N	P_2O_5	K_2O		N	P_2O_5	K_2O		N	P_2O_5	K_2O			
2	L-L-L-ML	100	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60);	120	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.75 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60);	120	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	140	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	1,424	2.11
3	L-L-L-MH	100	60	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.75 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60);	120	60	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.25 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.75 (0-0-60);	120	70	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	140	70	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	44	0.07
4	L-L-L-H	100	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	120	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	120	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (0-18-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	140	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (0-18-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 3.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	52	0.08
10	L-L-MH-ML	100	20	40	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60);	120	20	40	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.75 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60);	120	30	50	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	140	30	50	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.75 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	463	0.69
11	L-L-MH-MH	100	20	30	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60);	120	20	30	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.75 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	120	30	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	140	30	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.75 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	329	0.49
12	L-L-MH-H	100	20	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); 1.50 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	120	20	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); 1.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	120	30	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); 2.75 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	140	30	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.75 (46-0-0); 2.56 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	124	0.18
14	L-L-H-ML	100	7	40	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.25 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60);	120	7	40	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.25 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60);	120	7	50	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	140	7	50	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.75 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 3.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	43	0.06
16	L-L-H-H	100	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	120	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	120	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	140	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.75 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 3.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 3.00 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	685	1.01
65	M-L-L-L	90	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	100	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.00 (0-0-60);	110	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.50 (0-0-60);	120	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 2.50 (0-0-60);	2,274	3.37
66	M-L-L-ML	90	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60);	100	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60);	110	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.75 (0-0-60);	120	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	142	0.21
67	M-L-L-MH	90	60	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60);	100	60	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.75 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60);	110	70	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.75 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60);	120	70	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	4,234	6.27
68	M-L-L-H	90	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	100	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	110	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (0-18-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.25 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	120	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (0-18-0); *(2nd Application):* 2.50 (46-0-0); *(3rd Application):* 2.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	19,695	29.17
73	M-L-MH-L	90	20	60	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.25 (46-0-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	100	20	60	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.00 (0-0-60);	110	30	70	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.25 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.50 (0-0-60);	120	30	70	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 2.50 (0-0-60);	1,437	2.13
74	M-L-MH-ML	90	20	40	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.25 (46-0-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60);	100	20	40	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60);	110	30	50	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.25 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.75 (0-0-60);	120	30	50	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	113	0.17
75	M-L-MH-MH	90	20	30	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.25 (46-0-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60);	100	20	30	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60);	110	30	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.25 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60);	120	30	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	5,541	8.21
76	M-L-MH-H	90	20	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.75 (46-0-0); 1.50 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	100	20	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); 1.50 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	110	30	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.25 (46-0-0); 2.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	120	30	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); 2.75 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	15,805	23.41
77	M-L-H-L	90	7	60	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.75 (46-0-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	100	7	60	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.00 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.00 (0-0-60);	110	7	70	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.25 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.25 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 4.75 (46-0-0); *(3rd Application):* 2.50 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.50 (0-0-60);	120	7	70	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 2.25 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 2.50 (0-0-60);	475	0.70
79	M-L-H-MH	90	7	20	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.75 (46-0-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60);	100	7	20	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60);	110	7	30	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.25 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 4.75 (46-0-0); *(3rd Application):* 1.00 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60);	120	7	30	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	3,238	4.80
80	M-L-H-H	90	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.75 (46-0-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	100	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	110	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.25 (46-0-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 4.75 (46-0-0); *(3rd Application):* 0.25 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	120	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.50 (46-0-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 3.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60);	10,312	15.27
100	M-MH-L-H	50	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 0.25 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 0.25 (0-0-60);	60	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.15 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 0.50 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60);	70	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60);	80	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	418	0.62
106	M-MH-MH-ML	50	20	40	Option 1: *(1st Application):* 3.00 (14-14-14-); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 1.50 (0-0-60);	60	20	40	Option 1: *(1st Application):* 3.00 (14-14-14-); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 2.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.50 (0-0-60);	70	30	50	Option 1: *(1st Application):* 4.50 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.75 (0-0-60);	80	30	50	Option 1: *(1st Application):* 4.50 (14-14-14-); *(2nd Application):* 1.09 (46-0-0); *(3rd Application):* 0.87 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 3.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 3.50 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60);	349	0.52
111	M-MH-H-MH	50	7	20	Option 1: *(1st Application):* 1.00 (14-14-14-); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 0.75 (0-0-60);	60	7	20	Option 1: *(1st Application):* 1.00 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.50 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.75 (0-0-60);	70	7	30	Option 1: *(1st Application):* 1.00 (14-14-14-); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.00 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.00 (0-0-60);	80	7	30	Option 1: *(1st Application):* 1.00 (14-14-14-); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 0.78 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60);	152	0.22
112	M-MH-H-H	50	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.50 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 0.25 (0-0-60);	60	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 0.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60);	70	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 1.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60);	80	7	7	Option 1: *(1st Application):* 1.00 (14-14-14-); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 0.75 (16-20-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 0.78 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	174	0.26
																	TOTAL	***67,525***	***100.00***

Area estimated based on actual field survey, other information from DA-RFO's, MA's, NIA service area, NAMRIA Land Cover (2010) and BSWM Land Use System Map